

ENTACT & Associates, LLC
1010 Executive Ct., Suite 280
Westmont, Illinois 60559
(630) 986-2900
(630) 986-0653 (fax)



Transmittal

KeySpan-Bay Shore Former Manufactured Gas Plant Site (PHASE II)

Transmittal Number: ENT-NE7037-T-311

Date: October 14, 2008
To: Clayton Smith (de maximis, inc.)
From: Adam Ewert
cc: None

File: 2.1.9

Subject: ENTACT Submittal – Phase II Compiled Compaction Reports
Submittal Reference Number: 02300 3.11.3

Documents Transmitted:

See above reference

Copies

1

Approval	Comments
<input type="checkbox"/> No Approval Required	_____
<input type="checkbox"/> Approval Required	_____
<input type="checkbox"/> Response Required	_____
<input type="checkbox"/> Revised and Resubmitted as Noted	_____

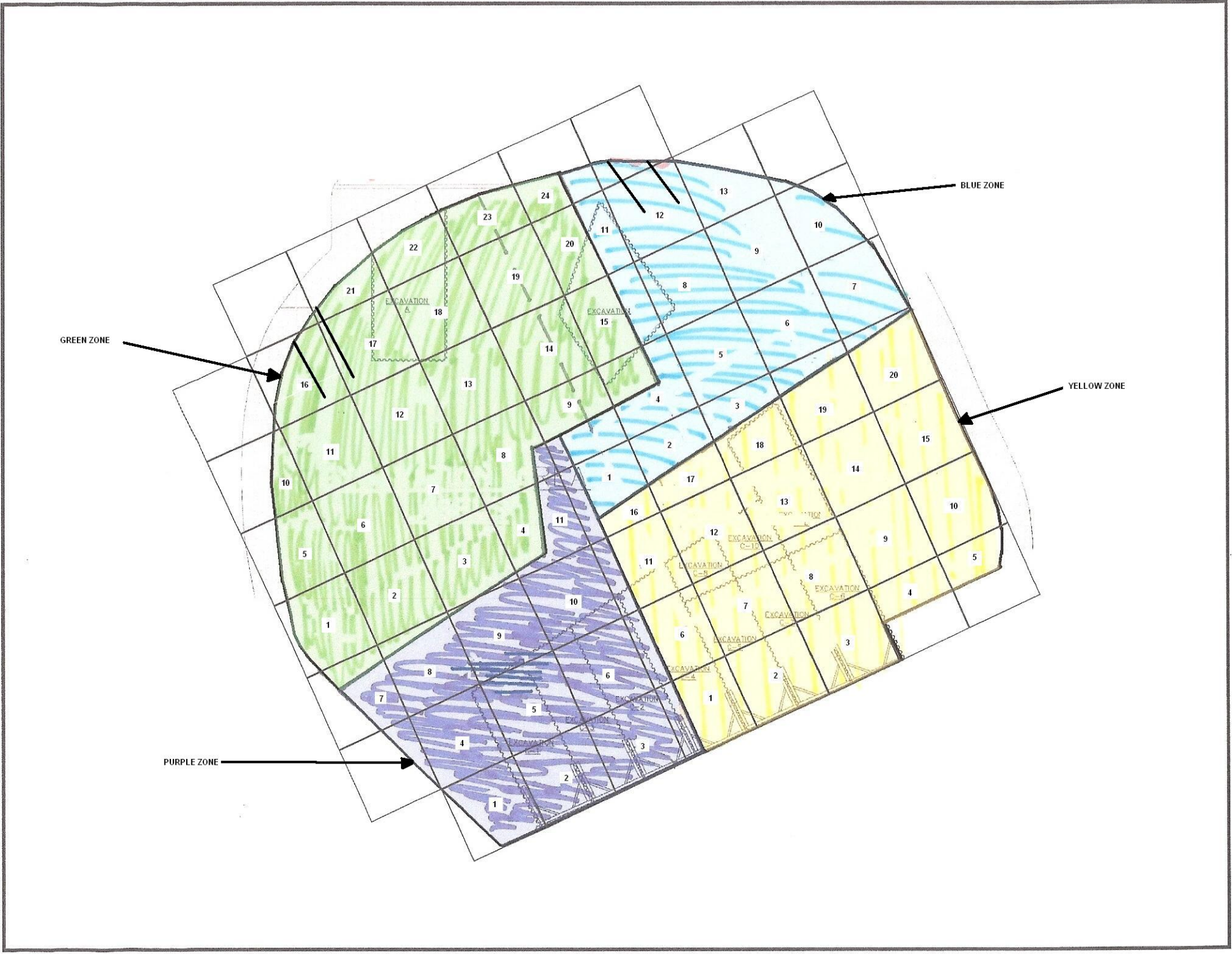
X Information Only

Name: _____

Signature: _____

Date: ____/____/____





PHASE 1 REUSE ON PHASE 2

Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706

Report #: 08EE-006
Date: 6/11/2008
Lab# : 8782
Work Order #: 123919

Project: NE7037
Sample: NE7037-REUSE-02
Test: Laboratory Compaction Characteristics of Soil Using Modified Effort
Method: ASTM D1557 "C"
Sampled By: Client

On 6/10/2008 **DELIVERED BY:** MTL

<u>% MOISTURE</u>	<u>DRY DENSITY</u>
4.5	127.6
7.1	129.8
10.2	130.8
12.8	128.2
15.2	125.4

OPTIMUM MOISTURE

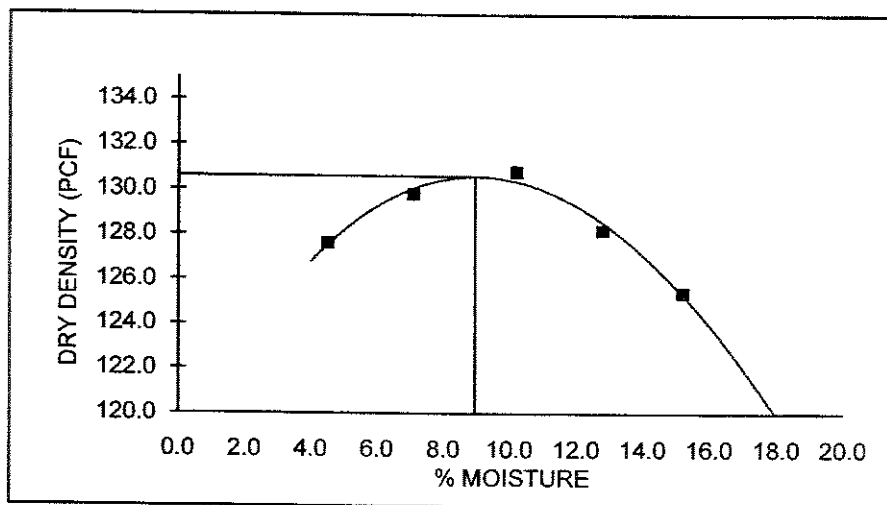
9.0 %

@

MAXIMUM DRY DENSITY

130.6

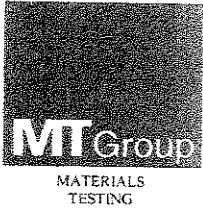
LBS./CU. FT.



Reported To:--

Submitted By: Materials Testing Lab, Inc.

STONY CREEK - KING'S PARK



Materials Testing Lab Inc.
 NY Metropolitan Regional Office / Corporate Headquarters
 145 Sherwood Avenue, Farmingdale, New York 11735
 Phone (631) 815-1900 • Fax (631) 815-1901 • www.materials-testing.com

Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706

Report #: 07EE-004
Date: 8/22/2007
Lab# : 8344
Work Order #: 108298

Project: NE7037
Sample: NE7037-SAND-03
Test: Laboratory Compaction Characteristics of Soil Using Modified Effort
Method: ASTM D1557 "C"

Sampled By: Client **On** 8/21/2007 **DELIVERED BY:** Client

<u>% MOISTURE</u>	<u>DRY DENSITY</u>
5.6	121.2
8.2	123.5
11.0	124.1
13.1	123.6
15.8	121.8

OPTIMUM MOISTURE

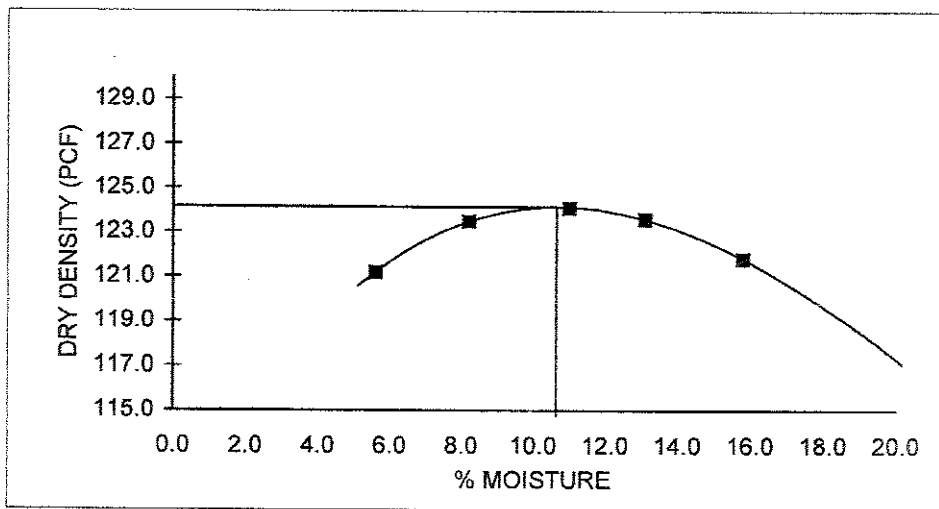
10.7 %

@

MAXIMUM DRY DENSITY

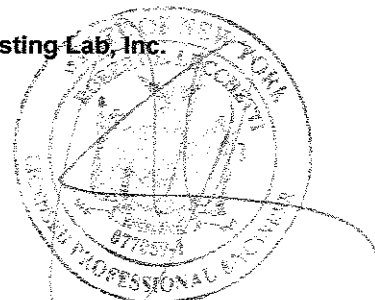
124.1

LBS./CU. FT.



Reported To:--

Submitted By: Materials Testing Lab, Inc.



STONY CREEK - KINGS PARK RESAMPLE

Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706

Report #: 08EE-
Date: 7/11/2008
Lab# : 8839
Work Order #:

Project: NE7037
Sample: NE7037-SAND-15
Test: Laboratory Compaction Characteristics of Soil Using Modified Effort
Method: ASTM D1557 "C"
Sampled By: Client **On** 7/10/2008 **DELIVERED BY:** MTL

<u>% MOISTURE</u>	<u>DRY DENSITY</u>
4.2	127.1
6.9	129.5
9.6	129.9
11.9	127.4
14.7	121.4

OPTIMUM MOISTURE

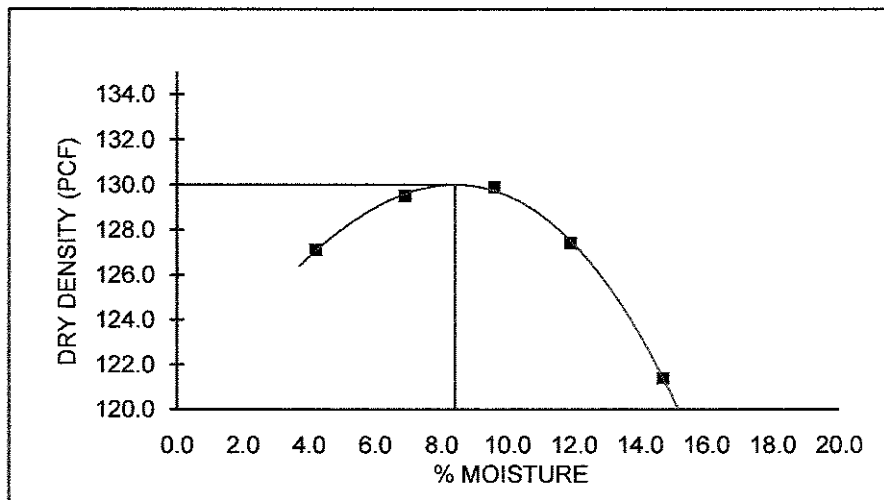
8.4 %

@

MAXIMUM DRY DENSITY

130.0

LBS./CU. FT.



Reported To:--

Submitted By: Materials Testing Lab, Inc.

GLENN HEAD - TOP 2ft SAND

Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706

Report #: 08EE-004
Date: 6/4/2008
Lab# : 8768
Work Order #: 123453

Project: NE7037
Sample: NE7037-Sand-10
Test: Laboratory Compaction Characteristics of Soil Using Modified Effort
Method: ASTM D1557 "C"

Sampled By: Client **On** 5/30/2008 **DELIVERED BY:** MTL

<u>% MOISTURE</u>	<u>DRY DENSITY</u>
5.2	126.9
7.7	128.8
10.5	129.9
13.4	126.6
15.9	123.2

OPTIMUM MOISTURE

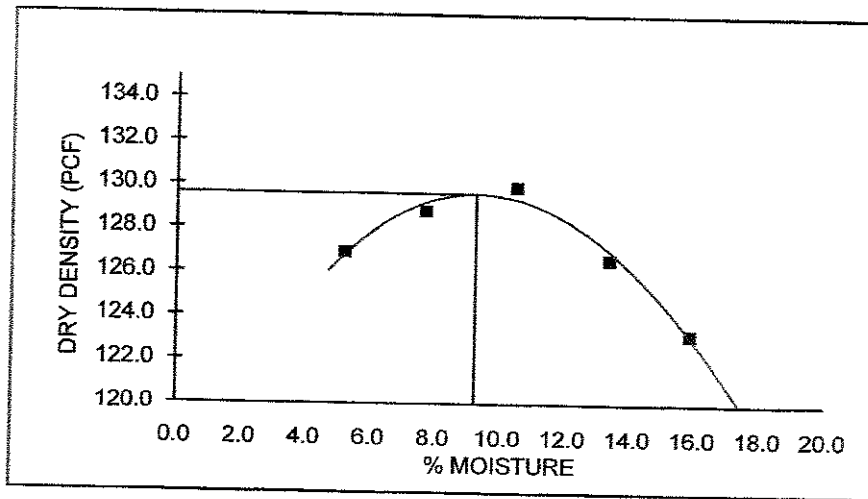
9.3 %

@

MAXIMUM DRY DENSITY

129.6

LBS./CU. FT.



Reported To:--

Submitted By: Materials Testing Lab, Inc.



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Work Order #: 125197

Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706
Project: NE7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-009
Date: 06/30/08
Technician: J. Chorro

Street Sidewalk Other Excavation

General Location: 61 North Clinton Ave

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ -4.0 bgs	Green Zone, Area 21, Lift 1	7.8	126.1	130.6	96.6
2	@ -4.0 bgs	Green Zone, Area 22, Lift 1	7.0	126.3	130.6	96.7
3	@ -4.0 bgs	Green Zone, Area 17, Lift 1	9.6	123.5	124.1	99.5
4	@ -4.0 bgs	Green Zone, Area 18, Lift 1	10.0	121.9	124.1	98.2
5	@ -4.0 bgs	Green Zone, Area 13, Lift 1	8.6	121.5	124.1	97.9
6	@ -4.0 bgs	Green Zone, Area 16, Lift 1	8.0	125.8	130.6	96.3
7	@ -4.0 bgs	Green Zone, Area 10, Lift 1	7.3	128.6	130.6	98.5
8	@ -4.0 bgs	Green Zone, Area 5, Lift 1	6.8	130.2	130.6	99.7
9	@ -4.0 bgs	Green Zone, Area 1, Lift 1	7.6	123.5	130.6	94.6
10	@ -3.0 bgs	Green Zone, Area 1, Lift 2	8.4	124.2	130.6	95.1
11	@ -3.0 bgs	Green Zone, Area 5, Lift 2	7.7	128.8	130.6	98.6
12	@ -3.0 bgs	Green Zone, Area 10, Lift 2	7.1	126.8	130.6	97.1
13	@ -3.0 bgs	Green Zone, Area 16, Lift 2	6.5	122.6	130.6	93.9

Remarks: _____

Material Type: PI Reuse Sand & Stony Cr. Kings Park
Item #

Reported To: Jordan W.

Min. Compaction Req. Complies:

90%
Y

Submitte  **Materials Testing Lab, Inc.**

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Work Order #: 125111

Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706

Project: NE7037

Test: In-Place Density Test

Method: ASTM D2922

Report #: 08EEC-007
Date: 07/01/08
Technician: Courtney Robinson

Street Sidewalk Other

General Location: 61 North Clinton Ave.

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@- 4.0 bgs	Green Zone, Area 23, Lift 1	9.2	122.8	130.0	94.5
2	@- 4.0 bgs	Green Zone, Area 19, Lift 1	8.1	121.9	130.0	93.7
3	@- 4.0 bgs	Green Zone, Area 14, Lift 1	8.7	121.2	130.0	93.2
4	@- 4.0 bgs	Green Zone, Area 9, Lift 1	9.1	120.2	130.0	92.5
5	@- 4.0 bgs	Green Zone, Area 24, Lift 1	9.3	121.7	130.0	93.6
6	@- 4.0 bgs	Green Zone, Area 20, Lift 1	9.7	129.9	130.0	99.9
7	@- 4.0 bgs	Green Zone, Area 11, Lift 1	8.9	129.9	130.0	99.9
8	@- 4.0 bgs	Green Zone, Area 6, Lift 1	9.7	126.8	130.0	97.5
9	@- 4.0 bgs	Green Zone, Area 2, Lift 1	8.4	124.2	130.6	95.1
10	@- 4.0 bgs	Green Zone, Area 3, Lift 1	8.9	124.4	130.6	95.2
11	@- 3.0 bgs	Green Zone, Area 21, Lift 2	9.3	126.3	130.0	97.1
12	@- 3.0 bgs	Green Zone, Area 17, Lift 2	8.2	122.5	130.0	94.2

Remarks: _____

Material Type: P1 Reuse and Stony CR, Kings Park
Item #

Reported To: S. Chervincky

Min. Compaction Req. Complies:

90%
Y

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Work Order #: 125111

Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706
Project: NE7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-008
Date: 07/01/08
Technician: Courtney Robinson

Street Sidewalk Other _____

General Location: 61 North Clinton Ave.

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
13	@ -3.0 bgs	Green Zone, Area 13, Lift 2	9.0	129.0	130.0	99.2
14	@ -3.0 bgs	Green Zone, Area 22, Lift 2	9.7	120.1	130.0	92.3
15	@ -3.0 bgs	Green Zone, Area 18, Lift 2	9.8	128.7	130.0	99.0
16	@ -3.0 bgs	Green Zone, Area 24, Lift 2	8.0	122.9	130.0	99.5

Remarks: _____

Material Type: P1 Reuse and Stony Cr, Kings Park
Item #

Reported To: S. Chervincky

Min. Compaction Req.

90%

Complies:

Y

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Work Order #: 125205

Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706

Report #: 08EEC-008
Date: 07/02/08
Technician: Courtney Robinson

Project: NE7037
Test: In-Place Density Test
Method: ASTM D2922

Street Sidewalk Other Lot

General Location: 61 North Clinton Ave.

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@- 3.0 bgs	Green Zone, Area 20, Lift 2	8.0	120.9	130.0	93.0
2	@- 3.0 bgs	Green Zone, Area 19, Lift 2	8.0	122.9	130.0	94.5
3	@- 3.0 bgs	Green Zone, Area 14, Lift 2	8.0	127.9	130.0	98.4
4	@- 3.0 bgs	Green Zone, Area 9, Lift 2	8.0	122.7	130.0	94.3
5	@- 3.0 bgs	Green Zone, Area 23, Lift 2	8.0	120.6	130.0	92.7

Remarks: _____

Material Type: Stony Cr, Kings Park
Item #


Reported To: Jordan W.

Min. Compaction Req.

90%

Complies:

Y

Submitted By:  **Materials Testing Lab, Inc.**

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Work Order #: 125294

Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706
Project: NE7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-010
Date: 07/03/08
Technician: Courtney Robinson

Street Sidewalk Other

General Location: 61 North Clinton Ave.

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ -2.0 bgs.	Green Zone, Area 24, Lift 3	7.1	127.3	130.0	97.9
2	@ -2.0 bgs.	Green Zone, Area 20, Lift 3	8.6	127.8	130.0	98.3
3	@ -2.0 bgs.	Green Zone, Area 23, Lift 3	6.3	127.1	130.0	97.7
4	@ -2.0 bgs.	Green Zone, Area 19, Lift 3	8.8	127.5	130.0	98.0

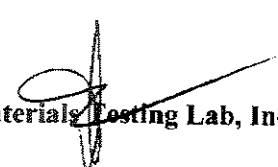
Remarks: _____

Material Type: Stony Cr, Kings Park
Item #

Reported To: Jordan W.

Min. Compaction Req. Complies:

90%
Y

Submitted By:  Materials Testing Lab, Inc.

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Work Order #: 125371

Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706 ✓
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-011
Date: 07/07/08
Technician: Courtney Robinson

Page 1 of 1

Street Sidewalk Other Lot

General Location: 61 North Clinton Ave.

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@- 2.0 bgs	Green Zone, Area 21, Lift 3	10.5	124.2	130.0	95.5
2	@- 2.0 bgs	Green Zone, Area 22, Lift 3	9.6	126.3	130.0	97.1
3	@- 2.0 bgs	Green Zone, Area 17, Lift 3	9.6	125.6	130.0	96.6
4	@- 2.0 bgs	Green Zone, Area 18, Lift 3	10.4	126.1	130.0	97.0

Remarks: _____

Material Type: Stony Cr., Kings Park
Item #


Reported To: Kurt Sutliff

Min. Compaction Req.

90%

Complies:

Y

Submitted By:  Materials Testing Lab, Inc.

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Work Order #: 125488

Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-013
Date: 07/08/08
Technician: Courtney Robinson

Street Sidewalk Other _____

General Location: 61 North Clinton Ave.

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ -3.0 bgs	Green Zone, Area 11, Lift 2	5.9	129.2	130.6	99.0
2	@ -3.0 bgs	Green Zone, Area 6, Lift 2	5.4	122.5	130.6	93.8
3	@ -3.0 bgs	Green Zone, Area 2, Lift 2	5.1	129.1	130.6	98.8
4	@ -3.0 bgs	Green Zone, Area 3, Lift 2	4.7	128.7	130.6	98.5

Remarks: _____

Material Type: P1 Reuse Sand
Item #


Reported To: Stacey Cervincky

Min. Compaction Req.

90%

Complies:

Y

Submitted By:  Materials Testing Lab, Inc.

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www.materials-testing.com

Work Order #: 125624

Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-012
Date: 07/09/08
Technician: Courtney Robinson

Street Sidewalk Other

General Location: 61 North Clinton Ave.

Table with 7 columns: Test #, Elev/Depth of Test, Specific Location, % Moisture, Dry Density (PCF), Max. Dry Density (PCF), % Comp. Contains 4 rows of test data.

Remarks:

Material Type: PI Reuse Sand
Item #

Reported To: Stacey Cervincky

Min. Compaction Req.
Complies:

90%
Y

Submitted By: Materials Testing Lab, Inc.

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Work Order #: 125716

Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-015
Date: 07/10/08
Technician: Courtney Robinson

Page 1 of 1

Street Sidewalk Other

General Location: 61 North Clinton Ave.

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ -2.0 bgs	Green Zone, Area 13, Lift 3	8.0	126.2	130.0	97.0
2	@ -2.0 bgs	Green Zone, Area 14, Lift 3	7.8	127.3	130.0	97.9
3	@ -2.0 bgs	Green Zone, Area 9, Lift 3	8.0	129.6	130.0	99.7
4	@ -2.0 bgs	Green Zone, Area 11, Lift 3	6.7	127.4	130.0	98.0
5	@ -2.0 bgs	Green Zone, Area 6, Lift 3	6.6	129.6	130.0	99.7
6	@ -2.0 bgs	Green Zone, Area 2, Lift 3	7.9	129.9	130.0	99.9
7	@ -2.0 bgs	Green Zone, Area 3, Lift 3	8.6	127.5	130.0	98.1

Remarks:

Material Type: Stony Cr. Kings Park
Item #

Reported To: S. Chervinsky

Min. Compaction Req. Complies:

90%
Y

Submitted By:  Materials Testing Lab, Inc.

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Work Order #: 125877

Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706 ✓
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-019
Date: 07/15/08
Technician: Robert Villavicencio

Page 1 of 1

Street Sidewalk Other

GENERAL LOCATION: 61 North Clinton Ave.

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ -4.0 bgs	Purple Zone, Area 7, Lift 1	9.9	127.6	130.0	98.1
2	@ -4.0 bgs	Purple Zone, Area 8, Lift 1	10.4	122.3	130.0	94.1
3	@ -4.0 bgs	Purple Zone, Area 4, Lift 1	11.3	127.7	130.0	98.3
4	@ -4.0 bgs	Purple Zone, Area 1, Lift 1	10.0	120.6	130.0	92.8
5	@ -3.0 bgs	Purple Zone, Area 1, Lift 2	12.9	124.7	130.0	95.9
6	@ -3.0 bgs	Purple Zone, Area 4, Lift 2	11.6	123.1	130.0	94.7
7	@ -3.0 bgs	Purple Zone, Area 8, Lift 2	10.5	128.5	130.0	98.8
8	@ -3.0 bgs	Purple Zone, Area 7, Lift 2	11.8	124.7	130.0	95.9

Remarks: _____

Material Type: Stony Cr. Kings Park
Item #

Reported To: Stacy Chervinsky

Min. Compaction Req. Complies:

90%
Y

Submitted By:  Materials Testing Lab, Inc.

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 www.materials-testing.com

Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706
Project: NE7037
Test: In-Place Density Test
Method: ASTM D2922

Work Order #: 125993
Report #: 08EEC-018
Date: 07/16/08
Technician: Courtney Robinson

Street Sidewalk Other

General Location: 61 North Clinton Ave.

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ -4.0' bgs	Purple Zone, Area 2, Lift 1				
2	@ -4.0' bgs	Purple Zone, Area 5, Lift 1	8.7	118.3	130.0	91.0
3	@ -4.0' bgs	Purple Zone, Area 9, Lift 1	10.7	118.9	130.0	91.4
4	@ -3.0' bgs	Purple Zone, Area 2, Lift 2	9.7	117.8	130.0	90.6
5	@ -3.0' bgs	Purple Zone, Area 5, Lift 2	10.7	123.9	130.0	95.3
6	@ -3.0' bgs	Purple Zone, Area 9, Lift 2	8.7	123.7	130.0	95.2
7	@ -1.0' bgs	Green Zone, Area 24, Lift 4	9.4	125.9	130.0	96.9
8	@ -1.0' bgs	Green Zone, Area 23, Lift 4	9.2	120.7	129.6	93.1
9	@ -1.0' bgs	Green Zone, Area 19, Lift 4	8.9	120.9	129.6	93.3
10	@ -1.0' bgs	Green Zone, Area 20, Lift 4	9.3	120.1	129.6	92.7
11	@ -1.0' bgs	Green Zone, Area 14, Lift 4	9.5	120.5	129.6	93.9
12	@ -1.0' bgs	Green Zone, Area 9, Lift 4	9.4	127.0	129.6	97.9
			8.7	123.7	129.6	95.4

Remarks:

Material Type: Stony Cr. Kings Park & Stony Cr. Glen Head
Item #

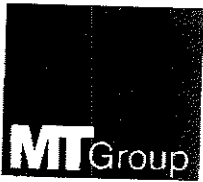
Reported To: S. Chervincky

Min. Compaction Req. Complies:

90%
Y

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Work Order #: 126132

Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-024
Date: 07/18/08
Technician: Paul Dukhi

Page 1 of 1

Street Sidewalk Other Remediation pit

GENERAL LOCATION: 61 North Clinton Ave.

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@-1.0' bgs	Green Zone, Area 13, Lift 4	5.7	130.0	129.6	100+
2	@-1.0' bgs	Green Zone, Area 17, Lift 4	5.4	126.6	129.6	97.6
3	@-1.0' bgs	Green Zone, Area 18, Lift 4	5.4	128.5	129.6	99.1
4	@-1.0' bgs	Green Zone, Area 21, Lift 4	6.0	127.1	129.6	98.0
5	@-1.0' bgs	Green Zone, Area 22, Lift 4	5.8	129.6	129.6	100+
6	@-2.0' bgs	Purple Zone, Area 7, Lift 3	6.3	126.0	130.0	96.9
7	@-2.0' bgs	Purple Zone, Area 8, Lift 3	6.1	125.3	130.0	96.3
8	@-2.0' bgs	Purple Zone, Area 4, Lift 3	6.6	128.1	130.0	98.5
9	@-2.0' bgs	Purple Zone, Area 1, Lift 3	6.5	129.0	130.0	99.2
10	@-2.0' bgs	Purple Zone, Area 9, Lift 3	6.0	123.0	130.0	94.6
11	@-2.0' bgs	Purple Zone, Area 5, Lift 3	6.6	122.7	130.0	94.3
12	@-2.0' bgs	Purple Zone, Area 2, Lift 3	6.2	124.1	130.0	95.4

Remarks: _____

Material Type: Stony Cr. King's Park & Stony Cr. Glen Head
Item #

Reported To: Stacy

Min. Compaction Req. Complies:

90%
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Work Order #: 126298

Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-025
Date: 07/21/08
Technician: Paul Dukhi

Page 1 of 1

Street Sidewalk Other Remediation pit

GENERAL LOCATION: 61 North Clinton Ave.

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ -6" bgs	Green Zone, Area 17, Lift 5	5.5	117.9	129.6	91.0
2	@ -6" bgs	Green Zone, Area 18, Lift 5	5.3	120.5	129.6	93.0
3	@ -6" bgs	Green Zone, Area 21, Lift 5	6.3	120.6	129.6	93.1
4	@ -6" bgs	Green Zone, Area 22, Lift 5	6.3	120.5	129.6	93.0
5	@ -4' bgs	Purple Zone, Area 3, Lift 1	8.6	122.3	130.0	94.1
6	@ -4' bgs	Purple Zone, Area 6, Lift 1	9.5	119.6	130.0	92.0
7	@ -4' bgs	Purple Zone, Area 10, Lift 1	6.1	120.9	130.0	93.0


Remarks: _____

Material Type: Stony Cr. King's Park & Stony Cr. Glen Head
Item #

Reported To: Stacy

Min. Compaction Req. Complies:

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Work Order #: 126426

Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-021
Date: 07/22/08
Technician: M. Saenz

Page 1 of 1

Street Sidewalk Other Remiadation Pit

GENERAL LOCATION: 61 North Clinton Ave

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ -6.0" bgs	Green zone area 19, Lift 5	5.1	123.1	129.6	95.3
2	@ -6.0" bgs	Green zone area 23, Lift 5	4.2	123.1	129.6	94.9
3	@ -6.0" bgs	Green zone area 14, Lift 5	5.1	125.6	129.6	97.1
4	@ -6.0" bgs	Green zone area 9, Lift 5	7.3	120.5	129.6	92.8
5	@ -6.0' bgs	Green zone area 24, Lift 5	3.9	120.5	129.6	93.3
6	@ -6.0' bgs	Green zone area 20, Lift 5	4.1	119.2	129.6	92.0
7	@ -1.0' bgs	Green zone area 10 Lift 4	8.5	121.8	129.6	94.1
8	@ -1.0' bgs	Green zone area 5, Lift 4	5.0	121.8	129.6	94.4
9	@ -3.0' bgs	Purple zone, area 10, Lift 2	8.2	126.1	130.0	96.7
10	@ -3.0' bgs	Purple zone, area 6, Lift 2	11.0	122.2	130.0	94.3
11	@ -3.0' bgs	Purple zone, area 3, Lift 2	10.0	123.5	130.0	95.0


Remarks:

Material Type: Stony Cr. Kings Park & Stony Cr. Glen Head
Item #

Reported To:

Min. Compaction Req. Complies:

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Work Order #: 126514

Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-020
Date: 07/23/08
Technician: M. Saenz

Page 1 of 1

Street Sidewalk Other Remediation Pit

GENERAL LOCATION: 61 North Clinton Ave.

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ 2.0' bgs	Purple zone area 10 Lift 3	7.4	117.3	130.0	90.2
2	@ 2.0' bgs	Purple zone area 6 Lift 3	11.1	123.1	130.0	94.7
3	@ 2.0' bgs	Purple zone area 3 Lift 3	8.8	126.2	130.0	97.1


Remarks: Stony Cr. Kings Park

Material Type: Sand
Item #

Reported To: S. Chervincky

Min. Compaction Req. Complies:

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Work Order #: 126860

Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706

Report #: 08EEC-022
Date: 07/29/08
Technician: Courtney Robinson

Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Page 1 of 2

Street Sidewalk Other Lot

GENERAL LOCATION: 66 North Clinton Ave.

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	2' below grade	Green Zone, area 11, lift 3 (redo)	9.2	121.5	130.6	93.0
2	2' below grade	Green Zone, area 6, lift 3 (redo)	6.4	130.3	130.6	99.8
3	2' below grade	Green Zone, area 2, lift 3 (redo)	8.9	120.5	130.6	92.3
4	4' below grade	Green Zone, area 12, lift 1	8.1	122.5	129.6	94.5
5	4' below grade	Green Zone, area 7, lift 1	7.2	124.8	129.6	96.3
6	4' below grade	Green Zone, area 8, lift 1	6.9	122.0	129.6	94.1
7	4' below grade	Green Zone, area 4, lift 1	6.7	121.7	129.6	93.9
8	3' below grade	Purple Zone, area 10, lift 2	6.3	117.6	129.6	90.8
9	3' below grade	Purple Zone, area 6, lift 2	6.3	119.9	129.6	92.5
10	3' below grade	Purple Zone, area 3, lift 2	6.7	120.1	129.6	92.6
11	2' below grade	Purple Zone, area 10, lift 3	8.0	126.4	129.6	97.6
12	2' below grade	Purple Zone, area 6, lift 3	6.7	121.3	129.6	93.6
13	2' below grade	Purple Zone, area 3, lift 3	7.2	120.1	129.6	92.7


Remarks: _____

Material Type: Reuse / Glen Head
Item #

Reported To: Jordan Wipf

Min. Compaction Req. Complies:

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Work Order #: 126860

Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706

Report #: 08EEC-022
Date: 07/29/08
Technician: Courtney Robinson

Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Page 2 of 2

Street Sidewalk Other Lot

GENERAL LOCATION: 66 North Clinton Ave.

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
14	3' below grade	Purple Zone, area 5, lift 2	6.7	126.1	129.6	97.3
15	2' below grade	Purple Zone, area 5, lift 3	7.0	129.3	129.6	99.8
16	4' below grade	Purple Zone, area 11, lift 1	8.3	125.0	129.6	96.4
17	3' below grade	Green zone, area 12, lift 2	7.1	118.3	129.6	91.3
18	3' below grade	Green Zone, area 7, lift 2	6.0	125.6	129.6	96.9
19	3' below grade	Green Zone, area 8, lift 2	7.2	122.4	129.6	94.5
20	3' below grade	Green Zone, area 4, lift 2	6.1	119.9	129.6	92.5
21	2' below grade	Green Zone, area 7, Lift 3	5.5	124.7	129.6	96.2
22	2' below grade	Green Zone, area 12, Lift 3	7.2	121.8	129.6	94.0
23	2' below grade	Green Zone, area 8, Lift 3	7.4	123.4	129.6	95.2
24	2' below grade	Green Zone, area 4, Lift 3	7.2	124.7	129.6	96.2

Remarks:

Material Type: Reuse / Glen Head
Item #

Reported To: Jordan Wipf

Min. Compaction Req.:

90%
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Complies:

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Work Order #: 126860



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Work Order #: 126966

Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-026
Date: 07/30/08
Technician: Courtney Robinson

Page 1 of 1

Street Sidewalk Other Lot

GENERAL LOCATION: Blue Zone & Purple Zone @ 66 North Clinton Ave.

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ -1.0' bgs	Green Zone, Area 12, Lift 4	5.2	121.8	129.6	94.0
2	@ -3.0' bgs	Purple Zone, Area 11, Lift 2	5.3	119.6	129.6	92.3

Remarks: _____

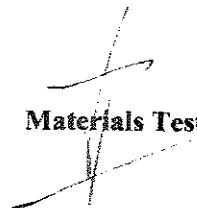
Material Type: Stony Creek, Glen Head
Item #

Reported To: Jordan Wipf

Min. Compaction Req.:

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Work Order #: 127093

Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-023
Date: 07/31/08
Technician: Moises

Page 1 of 1

Street Sidewalk Other Remediation Pit

GENERAL LOCATION: 61 North Clinton Ave., Bayshore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ -1.0' bgs	Green Zone, Area 1, Lift 4	6.9	123.1	129.6	95.2
2	@ -1.0' bgs	Green Zone, Area 16, Lift 4	7.4	128.5	129.6	99.2
3	@ -1.0' bgs	Green Zone, Area 11, Lift 4	7.7	120.8	129.6	93.2
4	@ -1.0' bgs	Green Zone, Area 6, Lift 4	5.1	125.6	129.6	96.9
5	@ -1.0' bgs	Green Zone, Area 2, Lift 4	5.9	129.2	129.6	99.7
6	@ -1.0' bgs	Purple Zone, Area 7, Lift 4	7.8	124.3	129.6	95.9
7	@ -1.0' bgs	Purple Zone, Area 8, Lift 4	5.6	124.4	129.6	96.0
8	@ -1.0' bgs	Purple Zone, Area 4, Lift 4	6.7	126.7	129.6	97.8
9	@ -1.0' bgs	Purple Zone, Area 1, Lift 4	5.7	125.9	129.6	97.2

Remarks:

Material Type: Stony Creek, Glen Head
Item #

Reported To: Stacy

Min. Compaction Req. Complies:

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Work Order #: 127196

Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-027
Date: 08/01/08
Technician: Courtney Robinson

Street Sidewalk Other Lot

GENERAL LOCATION: 66 North Clinton Ave. Green & Pink Zones

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ -6" bgs	Green Zone, Area 16, Lift 5	5.4	119.6	129.6	92.3
2	@ -1.0' bgs	Pink Zone, Area 3, Lift 1	5.9	121.6	129.6	93.9
3	@ -1.0' bgs	Pink Zone, Area 4, Lift 1	5.6	120.8	129.6	93.2
4	@ -1.0' bgs	Pink Zone, Area 1, Lift 1	5.3	121.8	129.6	93.6
5	@ -1.0' bgs	Pink Zone, Area 2, Lift 1	6.7	119.7	129.6	92.4
6	@ -6" bgs	Green Zone, Area 11, Lift 5	7.2	125.9	129.6	97.1
7	@ -6" bgs	Green Zone, Area 10, Lift 5	6.7	124.8	129.6	96.3
8	@ -6" bgs	Green Zone, Area 5, Lift 5	5.4	124.4	129.6	96.0
9	@ -6" bgs	Green Zone, Area 6, Lift 5	5.9	121.9	129.6	94.0
10	@ -6" bgs	Green Zone, Area 1, Lift 5	5.0	123.3	129.6	95.2
11	@ -6" bgs	Green Zone, Area 2, Lift 5	6.0	122.3	129.6	94.4
12	@ -6" bgs	Green Zone, Area 3, Lift 5	5.6	122.4	129.6	94.5

Remarks:

Material Type: Stony Creek, / Glen Head
Item #

Reported To: Stacy

Min. Compaction Req. Complies:

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Work Order #: 127196

Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-027
Date: 08/01/08
Technician: Courtney Robinson

Page 2 of 2

Street Sidewalk Other Lot

GENERAL LOCATION: _____

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
13	@ -1.0'bgs	Green Zone, Area 7, Lift 4	5.7	124.0	129.6	95.7
14	@ -1.0'bgs	Green Zone, Area 4, Lift 4	5.9	123.9	129.6	95.6
15	@ -1.0'bgs	Green Zone, Area 3, Lift 5	4.5	122.9	129.6	94.8
16	@ -1.0'bgs	Green Zone, Area 8, Lift 4	4.9	123.3	129.6	95.2
17	@ -1.0'bgs	Purple Zone, Area 9, Lift 4	5.2	122.3	129.6	94.4
18	@ -1.0'bgs	Purple Zone, Area 5, Lift 4	5.4	121.7	129.6	93.9
19	@ -1.0'bgs	Purple Zone, Area 2, Lift 4	5.7	118.6	129.6	91.5
20	@ -6'bgs	Pink Zone, Area 3, Lift 2	5.7	124.3	129.6	95.9
21	@ -6'bgs	Pink Zone, Area 1, Lift 2	5.9	123.3	129.6	95.2
22	@ -6'bgs	Pink Zone, Area 4, Lift 2	5.7	121.3	129.6	93.6
23	@ -6'bgs	Pink Zone, Area 2, Lift 2	6.5	121.2	129.6	93.5
24	@ -1.0' bgs	Pink Zone, Area 5, Lift 1	4.8	122.9	129.6	94.8

Remarks: _____

Material Type: Stony Creek / Glen Head
Item #

Reported To: Stacy

Min. Compaction Req. Complies:

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Work Order #: 127352

Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706

Report #: 08EEC-030

Date: 08/04/08

Technician: Moises S.

Project: NE 7037

Test: In-Place Density Test

Method: ASTM D2922

Street Sidewalk Other Remediation Pit

GENERAL LOCATION: 61 North Clinton Bay Shore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ -6" bgs	Pink zone, area 5, lift 2	7.1	123.8	129.6	95.5

Remarks: _____

Material Type:
Item #

Reported To: Kurt Sutiff

Min. Compaction Req. Complies:

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Submitted By: Materials Testing Lab, Inc.



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Work Order #: 127425

Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706

Report #: 08EEC-031
Date: 08/05/08
Technician: Moises S.

Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Street Sidewalk Other Remiadtation Pit

GENERAL LOCATION: 61 North Clinton Bay Shore


Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ -6" bgs	Purple zone area 1, lift 5	7.1	121.0	129.6	93.4
2	@ -6" bgs	Purple zone area 2, lift 5	6.9	116.7	129.6	90.1
3	@ -6" bgs	Purple zone area 5, lift 5	6.6	119.1	129.6	91.9
4	@ -6" bgs	Purple zone area 9, lift 5	6.6	120.1	129.6	92.7
5	@ -6" bgs	Purple zone area 7, lift 5	7.9	119.4	129.6	92.1
6	@ -6" bgs	Purple zone area 8, lift 5	5.9	116.9	129.6	90.2
7	@ -6" bgs	Purple zone area 4, lift 5	7.7	118.3	129.6	91.3

Remarks: _____

Material Type: Stony Creek, Glen Head
Item #

Reported To: Stacy Chervinsky

Min. Compaction Req.: 90%
Complies: Y

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Work Order #: 128039

Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706

Report #: 08EEC-036

Date: 08/13/08

Technician: Moises S.

Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Street Sidewalk Other Remiadation Pit
GENERAL LOCATION: 61 North Clinton Bay Shore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ 1' below grade	Pink zone area 8 L 1	5.5	121.4	129.6	93.7
2	@ 2' below grade	Purple zone area 11 L 3	5.9	125.9	129.6	97.2


Remarks: _____

Material Type: Stony Creek -Glen Head
Item #

Reported To: Stacy Chervincky

Min. Compaction Req. Complies:

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Submitted By:  Materials Testing Lab, Inc.

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Work Order #: 128184

Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-037
Date: 08/14/08
Technician: Moises

Page 1 of 1

Street Sidewalk **Other** Remiadiation Pit

GENERAL LOCATION: 61 North Clinton, Bay Shore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ -6" bgs	Pink Zone, area 6, lift 2	10.6	117.7	129.6	90.9
2	@ -6" bgs	Pink Zone, area 7, lift 2	10.0	124.0	129.6	95.7
3	@ -6" bgs	Pink Zone, area 9, lift 2	9.3	124.2	129.6	95.9
4	@ -6" bgs	Pink Zone, area 8, lift 2	7.3	119.7	129.6	92.4
5	@ -6" bgs	Pink Zone, area 11, lift 4	6.4	119.7	129.6	92.4
6	@ -6" bgs	Pink Zone, area 12, lift 2	6.7	118.0	129.6	91.1
7	@ -1' bgs	Pink Zone, area 10, lift 1	7.7	117.5	129.6	90.7
8	@ -6" bgs	Green Zone, area 12, lift 5	6.4	121.7	129.6	93.0
9	@ -6" bgs	Green Zone, area 7, lift 5	6.9	120.4	129.6	92.9
10	@ -6" bgs	Green Zone, area 8, lift 5	6.5	119.9	129.6	92.5
11	@ -6" bgs	Green Zone, area 4, lift 5	7.0	123.5	129.6	95.3

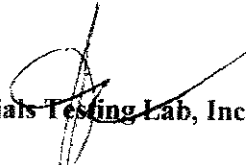
Remarks: _____

Material Type: Stony Creek, Glen Head
Item #

Reported To: Stacy

Min. Compaction Req. Complies:

90%
Y

Submitted By:  Materials Testing Lab, Inc.

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Work Order #: 128649

Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706

Report #: 08EEC-040
Date: 08/21/08
Technician: Moises S.

Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Street Sidewalk Other Remiadation Pit

GENERAL LOCATION: 61 North Clinton, Bay Shore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ 1' below grade	Pink zone area 14, Lift 3	9.3	118.7	129.6	91.6
2	@ 1' below grade	Pink zone area 13, Lift 2	8.2	122.8	129.6	94.8
3	@ 1' below grade	Pink zone area 15, Lift 2	9.0	123.7	129.6	95.5

Remarks: _____

Material Type: Stony Creek, Glen Head
Item #

Reported To: Stacy Chervincky

Min. Compaction Req.

90%

Complies:

Y

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Work Order #: 129001

Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706

Report #: 08EEC-043
Date: 08/26/08
Technician: Moises S.

Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Street Sidewalk Other Remiadiation Pit
GENERAL LOCATION: 61 North Clinton, Bay Shore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ 3' below grade	Yellow zone area 1, Lift 2	9.4	117.3	129.6	90.5
2	@ 3' below grade	Yellow zone area 2, Lift 2	8.1	119.2	129.6	92.0
3	@ 3' below grade	Yellow zone area 3, Lift 2	10.0	120.1	129.6	92.7
4	@ 2' below grade	Yellow zone area 1, Lift 3	9.2	117.0	129.6	90.3
5	@ 2' below grade	Yellow zone area 2, Lift 3	9.4	117.4	129.6	90.6
6	@ 2' below grade	Yellow zone area 3, Lift 3	9.7	116.7	129.6	90.0

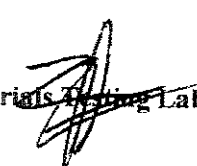
Remarks: _____

Material Type:
Item #

Reported To: Stacy Chervincky

Min. Compaction Req. Complies:

90%
Y

Submitted By:  Materials Testing Lab, Inc.

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Work Order #: 129117

Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-044
Date: 08/27/08
Technician: Moises S.

Street Sidewalk Other Remediation Pit

GENERAL LOCATION: 61 North Clinton, Bay Shore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ 2' below grade	Pink zone area 32, Lift 1	8.4	124.8	129.6	96.3
2	@ 2' below grade	Pink zone area 33, Lift 1	7.5	126.0	129.6	97.3
3	@ 2' below grade	Pink zone area 34, Lift 1	5.9	126.1	129.6	97.3
4	@ 4' below grade	Blue zone area 11, Lift 1	8.6	117.7	129.6	90.8
5	@ 4' below grade	Blue zone area 12, Lift 1	8.4	123.9	129.6	95.7
6	@ 4' below grade	Blue zone area 8, Lift 1	9.1	116.8	129.6	90.2
7	@ 4' below grade	Green zone area 15, Lift 1	10.3	117.4	129.6	90.6

Remarks: _____

Material Type: Stony Creek, Glen Head
Item #

Reported To: Stacy Chervincky

Min. Compaction Req. Complies:

90%
Y

Submitted By: Materials Testing Lab, Inc. 

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Work Order #: 129418

Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-051
Date: 09/02/08
Technician: Moises S.

Street Sidewalk Other Remediation Pit

GENERAL LOCATION: 61 North Clinton, Bayshore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ - 3' bgs	Pink Zone Area 19 lift 1	9.3	118.9	129.6	91.6
2	@ -2' bgs	Pink Zone Area 19 lift 2	9.0	123.7	129.6	95.5
3	@ -1' bgs	Pink Zone Area 16 lift 1	9.9	118.3	129.6	91.3
4	@ -1' bgs	Pink Zone Area 20 lift 1	10.8	120.1	129.6	92.7
5	@ -1' bgs	Pink Zone Area 27 lift 1	9.1	122.5	129.6	94.5

Remarks: _____

Material Type:
Item #

Reported To: Kurt S.

Min. Compaction Req. Complies:

90%
Y

Submitted By: Materials Testing Lab, Inc.

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Work Order #: 129516

Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-048
Date: 09/03/08
Technician: Moises S.

Street Sidewalk Other Remediation Pit

GENERAL LOCATION: 61 North Clinton, Bayshore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ -4' bgs	Blue zone, area 9, lift 1	9.9	129.4	129.6	93.2
2	@ -2' bgs	Pink zone, area 23, lift 1	10.8	120.1	129.6	92.7
3	@ -2' bgs	Pink zone, area 25, lift 1	9.1	122.5	129.6	94.5
4	@ -2' bgs	Pink zone, area 24, lift 1	9.9	119.2	129.6	92.0
5	@ -6" bgs	Pink zone, area 20, lift 2	9.2	121.2	129.6	93.6
6	@ -2' bgs	Pink zone, area 26, lift 1	10.3	120.7	129.6	93.1
7	@ -6" bgs	Pink zone, area 27, lift 2	8.7	129.9	129.6	93.3

Remarks: _____

Material Type: Stony Creek, Glen Head
Item #

Reported To: Stacy C.

Min. Compaction Req. Complies:

90%
Y

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Work Order #: 129700

Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-049
Date: 09/04/08
Technician: Moises S.

Street Sidewalk Other Remediation Pit

GENERAL LOCATION: 61 North Clinton, Bayshore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ -4' bgs	Yellow zone, area 6, lift 1	9.8	122.8	129.6	94.2
2	@ -4' bgs	Yellow zone, area 7, lift 1	7.6	121.6	129.6	93.8
3	@ -4' bgs	Yellow zone, area 8, lift 1	8.6	119.5	129.6	92.3
4	@ -3' bgs	Yellow zone, area 6, lift 2	12.6	119.9	129.6	92.6
5	@ -3' bgs	Yellow zone, area 7, lift 2	9.4	123.2	129.6	95.1
6	@ -3' bgs	Yellow zone, area 8, lift 2	9.5	121.0	129.6	93.4

Remarks: _____

Material Type: Stony Creek, Glen Head
Item #

Reported To: Stacy C.

Min. Compaction Req. Complies:

90%
Y

Submitted By: Materials Testing Lab, Inc.

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Work Order #: 129821

Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-052
Date: 09/08/08
Technician: Moises S.

Page 1 of 1

Street Sidewalk Other Remediation Pit

GENERAL LOCATION: 61 North Clinton, Bayshore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
		NO Test Taken				

Remarks: _____

Material Type:
Item #

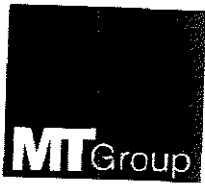
Reported To: Ed A.

Min. Compaction Req. Complies:

90%
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Submitted By:  Materials Testing Lab, Inc.

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Work Order #: 129974

Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-055
Date: 09/10/08
Technician: Moises S.

Street Sidewalk Other Remediation Pit

GENERAL LOCATION: 61 North Clinton, Bayshore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@-4' bgs	Yellow zone, area 11, lift 1	10.7	124.7	127.9	97.5
2	@-4' bgs	Yellow zone, area 12, lift 1	10.6	123.4	127.9	96.5
3	@-4' bgs	Yellow zone, area 13, lift 1	12.2	119.0	127.9	93.1
4	@-4' bgs	Blue zone, area 13, lift 1	11.6	118.9	127.9	93.0
5	@-4' bgs	Blue zone, area 6, lift 1	13.9	116.7	127.9	91.3
6	@-4' bgs	Yellow zone, area 19, lift 1	10.1	119.0	127.9	93.1
7	@-4' bgs	Yellow zone, area 14, lift 1	10.7	122.7	127.9	96.0
8	@-4' bgs	Yellow zone, area 9, lift 1	9.7	117.1	127.9	91.6
9	@-4' bgs	Yellow zone, area 4, lift 1	10.5	121.6	127.9	95.1

Remarks:

Material Type: Sand - 21 & 18 Mix
Item #

Reported To: Stacy C.

Min. Compaction Req. Complies:

90%
Y

Submitted By: Materials Testing Lab, Inc.

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Work Order #: 130094

Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-050
Date: 09/11/08
Technician: Moises S.

Street Sidewalk Other Remediation Pit

GENERAL LOCATION: 61 North Clinton, Bayshore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ -4' below grade	Blue zone, area 10, lift 1	13.2	121.5	127.9	95.1
2	@ -4' below grade	Blue zone, area 7, lift 1	11.7	118.6	127.9	92.7
3	@ -4' below grade	Yellow zone, area 20, lift 1	8.7	116.3	127.9	91.0
4	@ -4' below grade	Yellow zone, area 15, lift 1	11.0	120.7	127.9	94.4
5	@ -4' below grade	Yellow zone, area 10, lift 1	8.9	119.5	127.9	93.5
6	@ -4' below grade	Yellow zone, area 5, lift 1	11.8	121.4	127.9	95.0
7	@ -3' below grade	Blue zone, area 10, lift 2	13.1	120.4	127.9	94.2
8	@ -3' below grade	Blue zone, area 7, lift 2	11.8	117.4	127.9	91.8
9	@ -3' below grade	Yellow zone, area 20, lift 2	11.4	122.5	127.9	95.8
10	@ -3' below grade	Yellow zone, area 15, lift 2	9.9	121.8	127.9	95.3
11	@ -3' below grade	Yellow zone, area 10, lift 2	8.6	121.6	127.9	95.1
12	@ -3' below grade	Yellow zone, area 5, lift 2	10.2	121.6	127.9	95.2

Remarks:

Material Type: Watral/ Glen Head 50-50 Mix
Item #

Reported To: Stacy C.

Min. Compaction Req. Complies:

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Work Order #: 131166

Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706

Report #: 08EEC-063
Date: 09/23/08
Technician: Moises S.

Project: NE 7037

Test: In-Place Density Test

Method: ASTM D2922

Street Sidewalk Other Remediation Pit

GENERAL LOCATION: 61 North Clinton, Bayshore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ -1' BGS	Blue zone, area 11, lift 4	4.4	105.5	107.4	98.3
2	@ -1' BGS	Blue zone, area 12, lift 4	4.9	107.0	107.4	99.6
3	@ -1' BGS	Blue zone, area 13, lift 4	5.9	106.9	107.4	99.6
4	@ -1' BGS	Blue zone, area 4, lift 4	4.5	104.3	107.4	97.2
5	@ -1' BGS	Green zone, area 15, lift 4	6.3	103.4	107.4	96.3
6	@ -1' BGS	Purple zone, area 11, lift 4	5.0	105.1	107.4	97.8
7	@ -6" BGS	Purple zone, area 6, lift 5	5.4	117.7	127.9	92.1
8	@ -6" BGS	Purple zone, area 10, lift 5	5.7	122.1	127.9	96.1
9	@ -6" BGS	Purple zone, area 11, lift 5	9.8	119.9	127.9	93.8
10	@ -6" BGS	Yellow zone, area 1, lift 5	9.9	116.5	127.9	91.1
11	@ -6" BGS	Yellow zone, area 2, lift 5	10.3	119.8	127.9	93.7
12	@ -6" BGS	Purple zone, area 3, lift 5	5.3	117.7	127.9	92.1

Remarks: _____

Material Type: 1) Watral, Bayshore 100%
2) Watral / Stony Creek Glen Head 50-50 Mix


Reported To: Stacy

Min. Compaction Req.

90%

Complies:

Y

Submitted By:  **Materials Testing Lab, Inc.**

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Work Order #: 131166

Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-063
Date: 09/23/08
Technician: Moises S.

Page 2 of 2

Street Sidewalk Other Remediation Pit

GENERAL LOCATION: 61 North Clinton, Bayshore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
13	@ -6" BGS	Yellow zone, area 6, lift 5	7.7	116.6	127.9	91.2
14	@ -6" BGS	Yellow zone, area 7, lift 5	9.2	120.9	127.9	94.5
15	@ -6" BGS	Yellow zone, area 8, lift 5	8.5	115.6	127.9	90.4
16	@ -6" BGS	Yellow zone, area 3, lift 5	8.2	119.7	127.9	93.6
17	@ -1' BGS	Yellow zone, area 8, lift 4	5.3	106.1	107.4	98.8

Remarks: _____

Material Type: 1) Watral, Bayshore 100%
 2) Watral / Stony Creek Glen Head 50-50 Mix

Reported To: Stacy

Min. Compaction Req. 90%
Complies: Y

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Work Order #: 130229

Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-056
Date: 09/12/08
Technician: Moises S.

Street Sidewalk Other Remediation pit
GENERAL LOCATION: 61 North Clinton Bay Shore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ 4' below grade	Blue zone area 1 lift 1	8.8	120.0	127.9	93.9
2	@ 4' below grade	Blue zone area 2 lift 1	8.3	122.4	127.9	95.7
3	@ 4' below grade	Blue zone area 3 lift 1	8.6	115.2	127.9	90.1
4	@ 4' below grade	Yellow zone area 16 lift 1	11.1	115.2	127.9	90.1
5	@ 4' below grade	Yellow zone area 17 lift 1	9.6	116.0	127.9	90.8
6	@ 4' below grade	Yellow zone area 18 lift 1	10.1	119.8	127.9	93.7
7	@ 3' below grade	Yellow zone area 11 lift 2	10.0	116.2	127.9	90.1
8	@ 3' below grade	Yellow zone area 12 lift 2	10.2	121.6	127.9	95.1
9	@ 3' below grade	Yellow zone area 13 lift 2	9.5	118.8	127.9	92.9
10	@ 3' below grade	Blue zone area 11 lift 2	8.9	120.0	127.9	93.9
11	@ 3' below grade	Blue zone area 12 lift 2	9.9	121.8	127.9	95.3
12	@ 3' below grade	Blue zone area 8 lift 2	8.6	121.6	127.9	95.1

Remarks: _____

Material Type: Watral/Glen Head 50-50 nux
Item #

Reported To: Stacy Shervincky

Min. Compaction Req.

90%

Complies:

Y

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Work Order #: 130339

Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-057
Date: 09/15/08
Technician: Moises S.

Street Sidewalk Other Remediation pit
GENERAL LOCATION: 61 north Clinton, Bay Shore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ 3' below grade	Green zone area 15 lift 2	10.2	116.1	127.9	90.8
2	@ 3' below grade	Blue zone area 13 lift 2	8.5	119.6	127.9	93.6
3	@ 3' below grade	Blue zone area 9 lift 2	9.9	119.7	127.9	93.7
4	@ 3' below grade	Yellow zone area 19 lift 2	8.9	120.0	127.9	93.9
5	@ 3' below grade	Yellow zone area 18 lift 2	8.8	120.0	127.9	93.9
6	@ 3' below grade	Yellow zone area 17 lift 2	8.6	115.2	127.9	90.1
7	@ 3' below grade	Yellow zone area 16 lift 2	9.2	122.7	127.9	95.9
8	@ 3' below grade	Blue zone area 1 lift 2	8.4	117.2	127.9	91.7
9	@ 3' below grade	Blue zone area 2 lift 2	9.7	119.1	127.9	93.2
10	@ 3' below grade	Blue zone area 3 lift 2	8.6	118.7	127.9	92.8
11	@ 3' below grade	Blue zone area 6 lift 2	10.2	117.2	127.9	90.1

Remarks: _____

Material Type: Watral/ Glen Head 50-50 mix
Item #

Reported To: Stacy Chervincky

Min. Compaction Req. Complies:

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145 Sherwood Avenue, Farmingdale, NY 11735 (631) 815-1900 FAX (631) 815-1901
www.materials-testing.com

Work Order #: 130428

Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

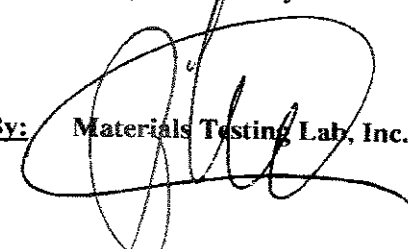
Report #: 08EEC-058
Date: 09/16/08
Technician: Moises S.

Street Sidewalk Other Remediation pit
GENERAL LOCATION: 61 North Clinton, Bay Shore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ 2' below grade	Yellow zone area 6 lift 3	10.1	115.6	127.9	90.4
2	@ 2' below grade	Yellow zone area 7 lift 3	10.5	116.7	127.9	91.3
3	@ 2' below grade	Yellow zone area 8 lift 3	8.7	118.2	127.9	92.5
4	@ 2' below grade	Yellow zone area 11 lift 3	9.5	118.4	127.9	92.6
5	@ 2' below grade	Yellow zone area 12 lift 3	10.0	119.5	127.9	93.5
6	@ 2' below grade	Yellow zone area 13 lift 3	10.0	123.2	127.9	96.4
7	@ 2' below grade	Blue zone area 12 lift 3	10.3	119.8	127.9	93.4
8	@ 2' below grade	Blue zone area 13 lift 3	9.2	117.4	127.9	91.8
9	@ 2' below grade	Blue zone area 9 lift 3	7.7	117.9	127.9	92.2
10	@ 2' below grade	Blue zone area 6 lift 3	10.1	119.0	127.9	93.1

Remarks:

Material Type: Watral/Glen Head 50-50 mix
Item #

Reported To: Stacy Cherny


Min. Compaction Req. Complies:

90%
Y

Submitted By: Materials Testing Lab, Inc.

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Work Order #: 130540

Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-059
Date: 09/17/08
Technician: Moises S.

Street Sidewalk Other Remediation pit
GENERAL LOCATION: 61 North Clinton, Bay Shore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ 1' below grade	Pink zone area 17 lift 1	4.4	104.3	107.4	97.1
2	@ 1' below grade	Pink zone area 18 lift 1	4.5	103.7	107.4	96.6
3	@ 1' below grade	Pink zone area 22 lift 1	4.9	102.8	107.4	95.7
4	@ 1' below grade	Pink zone area 21 lift 1	4.8	103.3	107.4	96.2
5	@ 1' below grade	Pink zone area 29 lift 1	4.8	103.4	107.4	96.3
6	@ 1' below grade	Pink zone area 28 lift 1	5.3	105.9	107.4	98.7
7	@ 4' below grade	Blue zone area 4 lift 1	4.5	103.7	107.4	96.6
8	@ 4' below grade	Blue zone area 5 lift 1	4.7	105.8	107.4	98.5
9	@ 3' below grade	Blue zone area 4 lift 2	4.6	106.0	107.4	98.8
10	@ 3' below grade	Blue zone area 5 lift 2	5.2	104.2	107.4	97.1
11	@ 2' below grade	Blue zone area 4 lift 3	5.7	104.5	107.4	97.3
12	@ 2' below grade	Blue zone area 5 lift 3	5.2	101.0	107.4	94.1

Remarks: _____

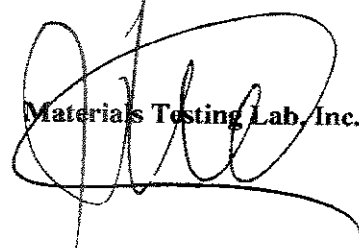
Material Type: Watral, Bay Shore sandy soil
Item #

Reported To: Stacy Chervincky

Min. Compaction Req.

90%
Y

Complies:

Submitted By:  Materials Testing Lab, Inc.

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Work Order #: 130703

Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-060
Date: 09/18/08
Technician: Moises S.

Street Sidewalk Other Remedation pit
GENERAL LOCATION: 61 North Clinton, Bay Shore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ 6" below grade	Pink zone area 18 lift 2	4.7	104.8	107.4	97.7
2	@ 6" below grade	Pink zone area 17 lift 2	5.0	106.8	107.4	99.5
3	@ 6" below grade	Pink zone area 22 lift 2	4.6	104.9	107.4	97.7
4	@ 6" below grade	Pink zone area 21 lift 2	4.0	105.9	107.4	98.6
5	@ 2' below grade	Pink zone area 28 lift 2	3.9	106.6	107.4	99.3
6	@ 2' below grade	Pink zone area 29 lift 2	5.6	106.1	107.4	98.8
7	@ 2' below grade	Yellow zone area 16 lift 3	4.2	106.8	107.4	99.5
8	@ 2' below grade	Yellow zone area 18 lift 3	4.8	105.6	107.4	98.4
9	@ 2' below grade	Yellow zone area 19 lift 3	4.5	106.3	107.4	99.1
10	@ 2' below grade	Yellow zone area 17 lift 3	4.6	105.7	107.4	98.4
11	@ 2' below grade	Blue zone area 1 lift 3	4.3	106.6	107.4	99.3
12	@ 2' below grade	Blue zone area 2 lift 3	4.4	101.6	107.4	94.6

Remarks: _____

Material Type: Watral, Bay Shore
Item #

Reported To: Stacy Chepvincky

Min. Compaction Req. 90%
Complies: Y

Submitted By: Materials Testing Lab, Inc.

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Work Order #: 130829

Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-061
Date: 09/19/08
Technician: Moises S.

Street Sidewalk Other Remediation pit
GENERAL LOCATION: 61 North Clinton, Bay Shore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ 2' below grade	Blue zone area 11 lift 3	4.7	107.4	107.4	100+
2	@ 2' below grade	Blue zone area 8 lift 3	4.2	106.1	107.4	98.8
3	@ 1' below grade	Yellow zone area 1 lift 4	4.8	106.6	107.4	99.3
4	@ 1' below grade	Yellow zone area 2 lift 4	5.2	106.8	107.4	99.4
5	@ 1' below grade	Yellow zone area 3 lift 4	5.2	104.7	107.4	97.5
6	@ 1' below grade	Purple zone area 3 lift 4	5.3	106.1	107.4	98.8
7	@ 1' below grade	Purple zone area 6 lift 4	5.3	106.9	107.4	99.6

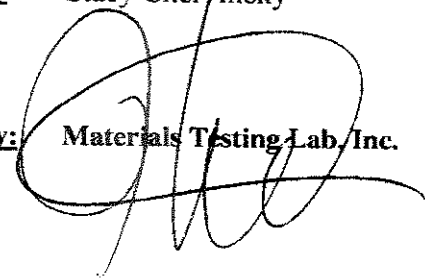
Remarks: _____

Material Type: Watral, Bay Shore
Item #

Reported To: Stacy Chernyinsky

Min. Compaction Req. Complies:

90%
Y

Submitted By:  Materials Testing Lab, Inc.

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Work Order #: 131067

Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706

Report #: 08EEC-062
Date: 09/22/08
Technician: Moises S

Project: NE 7037

Test: In-Place Density Test

Method: ASTM D2922

Page 1 of 1

Street Sidewalk Other Remediation Pit

GENERAL LOCATION: 61 North Clinton , Bayshore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp.
1	@ -1' BGS	Yellow zone, area 6, lift 4	7.0	105.4	107.4	98.1
2	@ -1' BGS	Yellow zone, area 7, lift 4	4.7	106.7	107.4	99.4
3	@ -1' BGS	Purple zone, area 10, lift 4	7.3	103.8	107.4	96.7
4	@ -1' BGS	Yellow zone, area 11, lift 4	8.5	104.4	107.4	97.2
5	@ -1' BGS	Yellow zone, area 12, lift 4	4.6	104.4	107.4	97.2

Remarks: _____

Material Type: Watral, Bayshore
Item #

Reported To: Stacy C.

Min. Compaction Req. Complies:

90%
Y

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Work Order #: 131220

Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706

Report #: 08EEC-065

Date: 09/24/08

Technician: Moises S.

Project: NE 7037

Test: In-Place Density Test

Method: ASTM D2922

Street Sidewalk Other Remediation Pit

GENERAL LOCATION: 61 North Clinton, Bayshore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp.
1	@ -1' BGS	Blue zone, area 8, lift 4	3.9	104.9	107.4	97.6
2	@ -1' BGS	Blue zone, area 9, lift 4	3.1	104.6	107.4	97.3
3	@ -1' BGS	Blue zone, area 5, lift 4	5.1	104.2	107.4	97.0
4	@ -1' BGS	Blue zone, area 6, lift 4	5.0	103.4	107.4	96.3
5	@ -1' BGS	Blue zone, area 1, lift 4	4.9	105.6	107.4	98.3
6	@ -1' BGS	Blue zone, area 2, lift 4	5.3	104.6	107.4	97.3
7	@ -1' BGS	Blue zone, area 3, lift 4	4.5	103.7	107.4	96.5
8	@ -1' BGS	Yellow zone, area 16, lift 4	4.9	107.5	107.4	100.0
9	@ -1' BGS	Yellow zone, area 17, lift 4	5.8	101.1	107.4	94.1
10	@ -1' BGS	Yellow zone, area 18, lift 4	5.3	106.7	107.4	99.3
11	@ -1' BGS	Yellow zone, area 19, lift 4	4.4	105.5	107.4	98.3
12	@ -1' BGS	Yellow zone, area 13, lift 4	4.9	107.0	107.4	99.6

Remarks: _____

Material Type: Watral, Bayshore
Item #

Reported To: Stacy S.

Min. Compaction Req. Complies:

90%
Y

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 www.materials-testing.com

Work Order #: 131343

Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-066
Date: 09/25/08
Technician: Moises S.

Page 1 of 5

Street Sidewalk Other Remediation Pit

GENERAL LOCATION: 61 North Clinton, Bayshore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ -1' BGS	Blue zone, area 10, lift 4	7.0	105.4	107.4	98.1
2	@ -1' BGS	Blue zone, area 7, lift 4	4.7	107.4	107.4	100.0
3	@ -1' BGS	Yellow zone, area 20, lift 4	5.3	106.9	107.4	99.6
4	@ -1' BGS	Yellow zone, area 14, lift 4	5.2	106.8	107.4	99.4
5	@ -1' BGS	Yellow zone, area 15, lift 4	5.3	106.1	107.4	98.8
6	@ -1' BGS	Yellow zone, area 9, lift 4	4.4	105.5	107.4	98.3
7	@ -1' BGS	Yellow zone, area 10, lift 4	5.9	106.9	107.4	99.6
8	@ -1' BGS	Yellow zone, area 4, lift 4	4.5	104.3	107.4	97.2
9	@ -1' BGS	Yellow zone, area 5, lift 4	6.3	103.4	107.4	96.3
10	@ -6" BGS	Blue zone, area 11, lift 5	6.3	116.5	127.5	91.3
11	@ -6" BGS	Blue zone, area 12, lift 5	8.3	120.0	127.5	94.1
12	@ -6" BGS	Blue zone, area 13, lift 5	8.0	116.9	127.5	91.7

Remarks:

Material Type: Watral 100% / Watral Glen Head 3:1 Mix
Item #

Reported To: Stacy C.

Min. Compaction Req. Complies:

90%
Y

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Work Order #: 131343

Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-066
Date: 09/25/08
Technician: Moises S.

Street Sidewalk Other Remediation Pit

GENERAL LOCATION: 61 North Clinton, Bayshore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
13	@ -6" BGS	Green zone, area 15, lift 5	8.6	122.8	127.5	96.3
14	@ -6" BGS	Blue zone, area 8, lift 5	10.0	118.0	127.5	97.5
15	@ -6" BGS	Blue zone, area 9, lift 5	8.6	122.4	127.5	96.0
16	@ -6" BGS	Blue zone, area 10, lift 5	9.2	120.7	127.5	94.6
17	@ -6" BGS	Blue zone, area 4, lift 5	8.0	116.7	127.5	91.5
18	@ -6" BGS	Blue zone, area 5, lift 5	9.7	120.2	127.5	94.2
19	@ -6" BGS	Blue zone, area 6, lift 5	6.0	117.2	127.5	91.9
20	@ -6" BGS	Blue zone, area 7, lift 5	8.1	118.9	127.5	93.2
21	@ -6" BGS	Blue zone, area 1, lift 5	8.6	116.2	127.5	91.1
22	@ -6" BGS	Blue zone, area 2, lift 5	7.6	125.3	127.5	98.2
23	@ -6" BGS	Blue zone, area 3, lift 5	6.9	118.8	127.5	93.1
24	@ -6" BGS	Yellow zone, area 16, lift 5	7.0	123.2	127.5	96.6

Remarks:

Material Type: Watral 100% / Watral Glen Head 3:1 Mix
Item #

Reported To: Stacy C.

Min. Compaction Req. Complies:

90%
Y

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Work Order #: 131343

Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706

Report #: 08EEC-066
Date: 09/25/08
Technician: Moises S.

Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Page 3 of 5

Street Sidewalk Other Redediation Pit

GENERAL LOCATION: 61 North Clinton, Bayshore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
25	@ -6" BGS	Yellow zone, area 17, lift 5	7.6	121.8	127.5	95.5
26	@ -6" BGS	Yellow zone, area 18, lift 5	8.6	120.2	127.5	94.2
27	@ -6" BGS	Yellow zone, area 19, lift 5	9.5	119.3	127.5	93.5
28	@ -6" BGS	Yellow zone, area 20, lift 5	9.0	116.6	127.5	91.4
29	@ -6" BGS	Yellow zone, area 11, lift 5	7.1	115.2	127.5	90.3
30	@ -6" BGS	Yellow zone, area 12, lift 5	8.3	118.4	127.5	92.8
31	@ -6" BGS	Yellow zone, area 13, lift 5	5.0	127.6	127.5	100.0
32	@ -6" BGS	Yellow zone, area 14, lift 5	5.3	115.4	127.5	90.5
33	@ -6" BGS	Yellow zone, area 15, lift 5	4.8	115.8	127.5	90.8
34	@ -6" BGS	Yellow zone, area 9, lift 5	6.6	116.1	127.5	91.8
35	@ -6" BGS	Yellow zone, area 10, lift 5	5.4	115.7	127.5	90.7
36	@ -6" BGS	Yellow zone, area 4, lift 5	6.3	116.5	127.5	91.3

Remarks: _____

Material Type: Watrall 100% / Watrall Glen Head 3:1 Mix
Item #

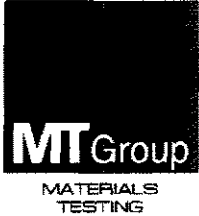
Reported To: Stacy C.

Min. Compaction Req. Complies:

90%
Y

Submitted By: Materials Testing Lab, Inc.

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Work Order #: 131343

Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706

Report #: 08EEC-066
Date: 09/25/08
Technician: Moises S.

Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Page 4 of 5

Street Sidewalk Other Remediation Pit

GENERAL LOCATION: 61 North Clinton, Bayshore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
37	@ -6" BGS	Yellow zone, area 5, lift 5	8.3	120.0	127.5	94.1
38	@ -6" BGS	Pink zone, area 16, lift 2	7.2	121.1	127.5	94.9
39	@ -1' BGS	Pink zone, area 19, lift 3	8.3	118.6	127.5	93.0
40	@ -6" BGS	Pink zone, area 19, lift 4	8.9	121.6	127.5	95.3
41	@ -1' BGS	Pink zone, area 23, lift 2	10.2	120.2	127.5	94.2
42	@ -1' BGS	Pink zone, area 24, lift 2	10.3	118.6	127.5	93.0
43	@ -1' BGS	Pink zone, area 25, lift 2	8.6	122.8	127.5	96.3
44	@ -1' BGS	Pink zone, area 26, lift 2	5.0	127.6	127.5	100.0
45	@ -6" BGS	Pink zone, area 23, lift 3	5.3	115.4	127.5	90.5
46	@ -6" BGS	Pink zone, area 24, lift 3	4.8	115.8	127.5	90.8
47	@ -6" BGS	Pink zone, area 25, lift 3	6.6	116.1	127.5	91.8
48	@ -6" BGS	Pink zone, area 26, lift 3	5.4	115.7	127.5	90.7

Remarks: _____

Material Type: Watral 100% / Watral Glen Head 3:1 Mix
Item #

Reported To: Stacy C.

Min. Compaction Req.:

90%
Y

Complies:

Submitted By:  Materials Testing Lab, Inc.

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Work Order #: 131343

Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706
Project: NE 7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 08EEC-066
Date: 09/25/08
Technician: Moises S.

Page 5 of 5

Street Sidewalk Other Remediation Pit

GENERAL LOCATION: 61 North Clinton, Bayshore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
49	@ -6" BGS	Pink zone, area 30, lift 2	10.3	118.6	127.5	93.0
50	@ -6" BGS	Pink zone, area 31, lift 2	7.2	121.1	127.5	94.9
51	@ -6" BGS	Pink zone, area 32, lift 3	5.4	115.7	127.5	90.7
52	@ -6" BGS	Pink zone, area 33, lift 3	5.3	115.4	127.5	90.5
53	@ -6" BGS	Pink zone, area 34, lift 3	8.9	121.6	127.5	95.3
54	@ -6" BGS	Pink zone, area 35, lift 2	6.6	116.1	127.5	91.8
55	@ -6" BGS	Pink zone, area 36, lift 2	4.8	115.8	127.5	90.8

Remarks:

Material Type: Watral 100% / Watral Glen Head 3:1 Mix
Item #

Reported To: Stacy C.

Min. Compaction Req. Complies:

90%
Y

Submitted By:  Materials Testing Lab, Inc.

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Work Order #: 131754

Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706

Report #: 08EEC-069
Date: 09/30/08
Technician: Moises

Project: NE 7037

Test: In-Place Density Test

Method: ASTM D2922

Page 1 of 1

Street Sidewalk Other Remiadation pti

GENERAL LOCATION: 61North Clinton Bay Shore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@1' below grade	Pink zone area 37 L1	11.1	121.7	127.5	95.4
2	@1' below grade	Pink zone area 38 L1	10.7	122.6	127.5	96.1
3	@1' below grade	Pink zone area 39 L1	10.1	121.0	127.5	94.9
4	@1' below grade	Pink zone area 40 L1	8.3	118.0	127.5	92.5
5	@6" below grade	Pink zone area 37 L2	12.8	117.5	127.5	92.1
6	@6" below grade	Pink zone area 38 L2	11.0	116.1	127.5	91.0
7	@6" below grade	Pink zone area 39 L2	10.3	114.9	127.5	90.1
8	@6" below grade	Pink zone area 40 L2	9.2	119.7	127.5	93.9

Remarks: _____

Material Type: Watral / Glen Head 3:1 Mix
Item #

Reported To: Satcy Chervincky

Min. Compaction Req.

90%

Complies:

Y

Submitted By:  Materials Testing Lab, Inc.

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ENTACT
ENVIRONMENTAL SERVICES

RECORD OF COMPACTION TESTING

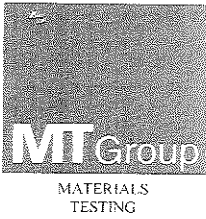
DATE	TEST #	LIFT	LOCATION	% compaction	% Moisture	Max Dry Density	Dry Density	NOTES
08/23/07	1	1	A-2	95.3	10.9	124.1	118.3	4FT BELOW GRADE
08/23/07	2	1	A-2	93.8	12.3	124.1	116.5	4FT BELOW GRADE
08/23/07	3	2	A-2	91.1	12.8	124.1	113.0	3FT BELOW GRADE
08/23/07	4	2	A-2	95.2	9.4	124.1	118.1	3FT BELOW GRADE
08/23/07	5	3	A-2	96.7	10.9	124.1	120.0	2FT BELOW GRADE
08/23/07	6	3	A-2	97.9	9.6	124.1	121.5	2FT BELOW GRADE
08/23/07	7	1	A-1	95.7	10.0	124.1	118.8	4FT BELOW GRADE
08/23/07	8	1	A-1	91.3	9.5	124.1	113.3	4FT BELOW GRADE
08/23/07	9	2	A-1	91.2	10.5	124.1	113.1	3FT BELOW GRADE
08/23/07	10	2	A-1	100+	7.7	124.1	127.3	3FT BELOW GRADE
08/23/07	11	3	A-1	95.1	11.0	124.1	118.0	2FT BELOW GRADE
08/23/07	12	3	A-1	96.7	10.1	124.1	120.0	2FT BELOW GRADE
08/23/07	13	4	A-1	94.8	8.7	124.1	117.6	1FT BELOW GRADE
08/23/07	14	4	A-1	97.0	9.9	124.1	120.3	1FT BELOW GRADE

*Compaction requirement= 90%

*General Location= West trench

*ENTACT Oversight= Stacy Cherwincky

*Backfill= Stony Creek, Kings Park Quarry



Materials Testing Lab Inc.
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 145 Sherwood Avenue, Farmingdale, New York 11735
 Phone (631) 815-1900 • Fax (631) 815-1901 • www.materials-testing.com

Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706
Project: NE7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 07EEC-005
Date: 08/23/07
Technician: Jose Chorro
WO# 108069

Street Sidewalk Other Back fill

General Location: 61 North Clinton Ave., Bay Shore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	4' below grade	Southwest corner West trench	10.9	118.3	124.1	95.3
2	4' below grade	Southwest corner West trench	12.3	116.5	124.1	93.8
3	3' below grade	Southwest corner West trench	12.8	113.0	124.1	91.1
4	3' below grade	Southwest corner West trench	9.4	118.1	124.1	95.2
5	2' below grade	Southwest corner West trench	10.9	120.0	124.1	96.7
6	2' below grade	Southwest corner West trench	9.6	121.5	124.1	97.9
7	4' below grade	Southwest corner West trench	10.0	118.8	124.1	95.7
8	4' below grade	Southwest corner West trench	9.5	113.3	124.1	91.3
9	3' below grade	Southwest corner West trench	10.5	113.1	124.1	91.2
10	3' below grade	Southwest corner West trench	7.7	127.3	124.1	100+
11	2' below grade	Southwest corner West trench	11.0	118.0	124.1	95.1
12	2' below grade	Southwest corner West trench	10.1	120.0	124.1	96.7
13	1' below grade	Southwest corner West trench	8.7	117.6	124.1	94.8
14	1' below grade	Southwest corner West trench	9.9	120.3	124.1	97.0

Remarks:

Material Type: Sand
Item #

Reported To: S. Chervincky

Min. Compaction Req.

90%

Complies:

Y

Submitted By:  **Materials Testing Lab, Inc.**

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ENTACT
ENVIRONMENTAL SERVICES

RECORD OF COMPACTION TESTING

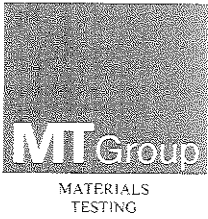
DATE	TEST #	LIFT	LOCATION	% compaction		Max Dry Density	Dry Density	NOTES
				% compaction	% Moisture			
08/24/07	1	4	A-2	93.6	10.2	124.1	116.2	1FT BELOW GRADE
08/24/07	2	4	A-2	93.5	9.0	124.1	116.1	1FT BELOW GRADE
08/24/07	3	1	A-3	94.0	9.1	124.1	116.6	4FT BELOW GRADE
08/24/07	4	1	A-3	98.4	9.0	124.1	122.1	4FT BELOW GRADE
08/24/07	5	2	A-3	96.9	10.4	124.1	120.2	3FT BELOW GRADE
08/24/07	6	2	A-3	96.6	8.9	124.1	119.8	3FT BELOW GRADE
08/24/07	7	5	A-1	97.9	7.7	124.1	121.5	6IN BELOW GRADE
08/24/07	8	5	A-2	95.4	9.3	124.1	118.4	6IN BELOW GRADE
08/24/07	9	3	A-3	97.0	10.2	124.1	120.4	2FT BELOW GRADE
08/24/07	10	3	A-3	97.2	8.4	124.1	120.6	2FT BELOW GRADE
08/24/07	11	1	A-4	99.9	10.4	124.1	123.9	4FT BELOW GRADE
08/24/07	12	1	A-4	99.8	8.7	124.1	123.9	4FT BELOW GRADE
08/24/07	13	4	A-3	93.6	10.0	124.1	116.1	1FT BELOW GRADE
08/24/07	14	4	A-3	98.0	8.0	124.1	121.7	1FT BELOW GRADE

*Compaction requirement= 90%

*General Location= West trench

*ENTACT Oversight= Stacy Chervincky

*Backfill= Stony Creek, Kings Park Quarry



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Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706
Project: NE7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 07EEC-006
Date: 08/24/07
Technician: Jose Chorro
WO# 108085

Street Sidewalk Other Back fill

General Location: 61 North Clinton Ave., Bay Shore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	1' below grade	West perimeter trench A2	10.2	116.2	124.1	93.6
2	1' below grade	West perimeter trench A2	9.0	116.1	124.1	93.5
3	4' below grade	West perimeter trench A3	9.1	116.6	124.1	94.0
4	4' below grade	West perimeter trench A3	9.0	122.1	124.1	98.4
5	3' below grade	West perimeter trench A3	10.4	120.2	124.1	96.9
6	3' below grade	West perimeter trench A3	8.9	119.8	124.1	96.6
7	6" below grade	West perimeter trench A1	7.7	121.5	124.1	97.9
8	6" below grade	West perimeter trench A2	9.2	118.4	124.1	95.4
9	2' below grade	West perimeter trench A3	10.2	120.4	124.1	97.0
10	2' below grade	West perimeter trench A3	8.4	120.6	124.1	97.2
11	4' below grade	West perimeter trench A4	10.4	123.9	124.1	99.9
12	4' below grade	West perimeter trench A4	8.7	123.9	124.1	99.8
13	1' below grade	West perimeter trench A3	10.0	116.1	124.1	93.6
14	1' below grade	West perimeter trench A3	8.0	121.7	124.1	98.0

Remarks:

Material Type: Sand
Item #

Reported To: S. Chervincky

Min. Compaction Req.

90%

Complies:

Y

Submitted By:  Materials Testing Lab, Inc.

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Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706

Report #: 07EE-004
Date: 8/22/2007
Lab# : 8344
Work Order #: 108298

Project: NE7037
Sample: NE7037-SAND-03
Test: Laboratory Compaction Characteristics of Soil Using Modified Effort
Method: ASTM D1557 "C"
Sampled By: Client **On** 8/21/2007 **DELIVERED BY:** Client

<u>% MOISTURE</u>	<u>DRY DENSITY</u>
5.6	121.2
8.2	123.5
11.0	124.1
13.1	123.6
15.8	121.8

OPTIMUM MOISTURE

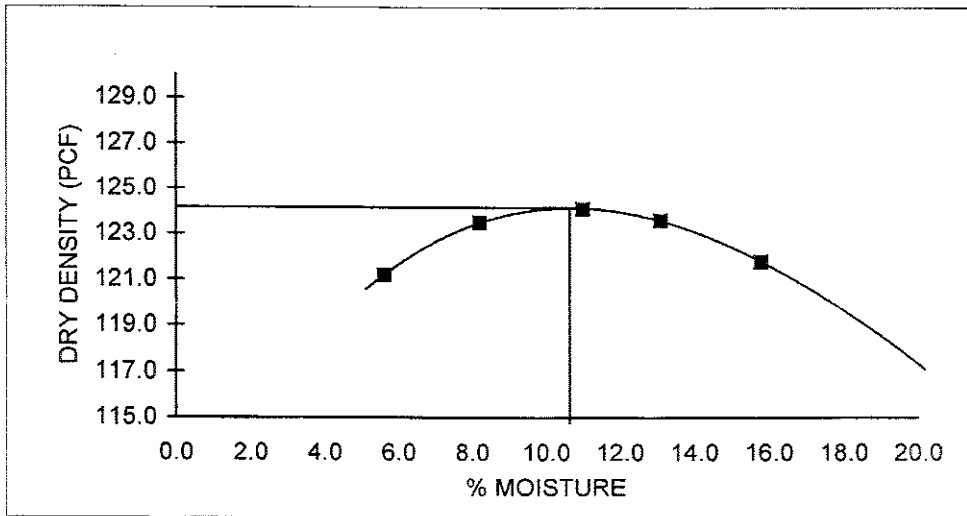
10.7 %

@

MAXIMUM DRY DENSITY

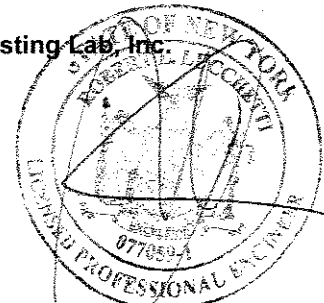
124.1

LBS./CU. FT.



Reported To:--

Submitted By: Materials Testing Lab, Inc.





ENTACT
CRUSHED RECLAIM SOLIDIFIED

RECORD OF COMPACTION TESTING

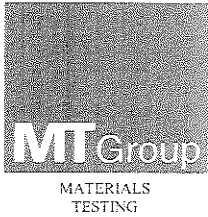
DATE	TEST #	LIFT	LOCATION	% compaction	% Moisture	Max Dry Density	Dry Density	NOTES
08/27/07	1	2	A-4	93.0	8.2	124.1	115.4	3FT BELOW GRADE
08/27/07	2	2	A-4	97.1	7.1	124.1	120.5	3FT BELOW GRADE
08/27/07	3	1	A-5	93.9	10.0	124.1	116.5	6FT BELOW GRADE
08/27/07	4	1	A-5	94.3	9.6	124.1	117.0	6FT BELOW GRADE
08/27/07	5	3	A-4	97.0	8.9	124.1	120.4	2FT BELOW GRADE
08/27/07	6	3	A-4	94.6	9.3	124.1	117.4	2FT BELOW GRADE
08/27/07	7	2	A-5	99.0	9.4	124.1	122.9	5FT BELOW GRADE
08/27/07	8	2	A-5	96.0	9.3	124.1	119.1	5FT BELOW GRADE
08/27/07	9	3	A-5	90.3	10.4	124.1	112.1	4FT BELOW GRADE
08/27/07	10	3	A-5	93.2	9.0	124.1	115.7	4FT BELOW GRADE
08/27/07	11	4	A-5	97.0	9.4	124.1	121.0	3FT BELOW GRADE
08/27/07	12	4	A-5	92.8	9.4	124.1	115.1	3FT BELOW GRADE
08/27/07	13	5	A-5	95.5	8.7	124.1	115.5	2FT BELOW GRADE
08/27/07	14	5	A-5	98.2	8.7	124.1	121.8	2FT BELOW GRADE
08/27/07	15	1	A-6	96.0	9.9	124.1	119.1	6FT BELOW GRADE
08/27/07	16	1	A-6	99.0	9.3	124.1	122.8	6FT BELOW GRADE
08/27/07	17	2	A-6	95.0	8.5	124.1	117.9	5FT BELOW GRADE
08/27/07	18	2	A-6	97.8	11.9	124.1	121.4	5FT BELOW GRADE
08/27/07	19	3	A-6	100+	10.6	124.1	124.3	4FT BELOW GRADE
08/27/07	20	3	A-6	99.6	9.4	124.1	123.6	4FT BELOW GRADE
08/27/07	21	4	A-6	99.7	10.7	124.1	123.7	3FT BELOW GRADE
08/27/07	22	4	A-6	98.3	12.2	124.1	122.0	3FT BELOW GRADE
08/27/07	23	5	A-6	99.1	9.4	124.1	122.8	2FT BELOW GRADE
08/27/07	24	6	A-5	100+	10.2	124.1	125.8	1FT BELOW GRADE
08/27/07	25	4	A-4	100+	9.4	124.1	126.9	1FT BELOW GRADE

*Compaction requirement= 90%

*General Location= West trench

*ENTACT Oversight= Stacy Chervinsky

*Backfill= Stony Creek, Kings Park Quarry



Materials Testing Lab Inc.
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 145 Sherwood Avenue, Farmingdale, New York 11735
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Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706
Project: NE7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 07EEC-008
Date: 08/27/07
Technician: Jose Chorro
WO# 108179

Street Sidewalk Other Back fill

General Location: 61 North Clinton Ave, Bay Shore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	3' below grade	A4 West trench	8.2	115.4	124.1	93.0
2	3' below grade	A4 West trench	7.1	120.5	124.1	97.1
3	6' below grade	A5 West trench	10.0	116.5	124.1	93.9
4	6' below grade	A5 West trench	9.6	117.0	124.1	94.3
5	2' below grade	A4 West trench	8.9	120.4	124.1	97.0
6	2' below grade	A4 West trench	9.3	117.4	124.1	94.6
7	5' below grade	A5 West trench	9.4	122.9	124.1	99.0
8	5' below grade	A5 West trench	9.3	119.1	124.1	96.0
9	4' below grade	A5 West trench	10.4	112.1	124.1	90.3
10	4' below grade	A5 West trench	9.0	115.7	124.1	93.2
11	3' below grade	A5 West trench	9.4	121.0	124.1	97.0
12	3' below grade	A5 West trench	9.4	115.1	124.1	92.8

Remarks:

Material Type: Sand
Item #

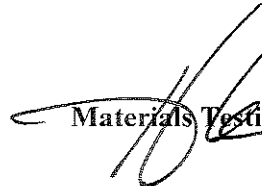
Reported To: S. Chervincky

Min. Compaction Req.

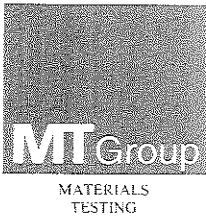
90%

Complies:

Y

Submitted By:  Materials Testing Lab, Inc.

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Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706
Project: NE7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 07EEC-008
Date: 08/27/07
Technician: Jose Chorro
WO# 108179

Street Sidewalk Other Back fill

General Location: 61 North Clinton Ave, Bay Shore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
13	2' below grade	A5 West trench	8.7	115.5	124.1	95.5
14	2' below grade	A5 West trench	8.8	121.8	124.1	98.2
15	6' below grade	A6 West trench	9.9	119.1	124.1	96.0
16	6' below grade	A6 West trench	9.3	122.8	124.1	99.0
17	5' below grade	A6 West trench	8.5	117.9	124.1	95.0
18	5' below grade	A6 West trench	11.9	121.4	124.1	97.8
19	4' below grade	A6 West trench	10.6	124.3	124.1	100+
20	4' below grade	A6 West trench	9.4	123.6	124.1	99.6
21	3' below grade	A6 West trench	10.7	123.7	124.1	99.7
22	3' below grade	A6 West trench	12.2	122.0	124.1	98.3
23	2' below grade	A6 West trench	9.4	122.8	124.1	99.1
24	1' below grade	A5 West trench	10.2	125.8	124.1	100+
25	1' below grade	A4 West trench	9.4	126.9	124.1	100+

Remarks:

Material Type: Sand

Reported To: S. Chervincky

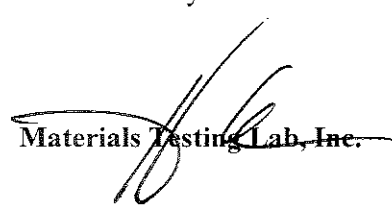
Item #

Min. Compaction Req.

90%

Complies:

Y

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Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706

Report #: 07EE-004
Date: 8/22/2007
Lab# : 8344
Work Order #: 108298

Project: NE7037
Sample: NE7037-SAND-03
Test: Laboratory Compaction Characteristics of Soil Using Modified Effort
Method: ASTM D1557 "C"
Sampled By: Client **On** 8/21/2007 **DELIVERED BY:** Client

<u>% MOISTURE</u>	<u>DRY DENSITY</u>
5.6	121.2
8.2	123.5
11.0	124.1
13.1	123.6
15.8	121.8

OPTIMUM MOISTURE

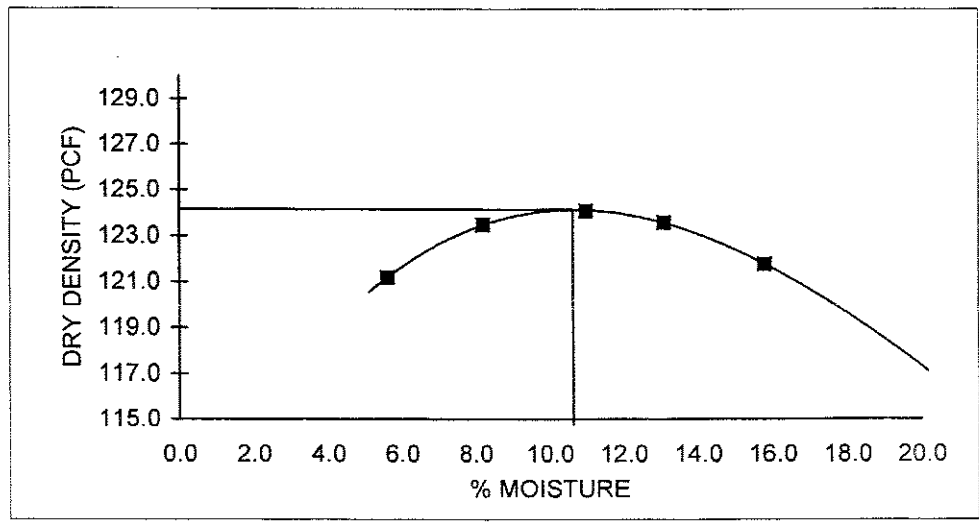
10.7 %

@

MAXIMUM DRY DENSITY

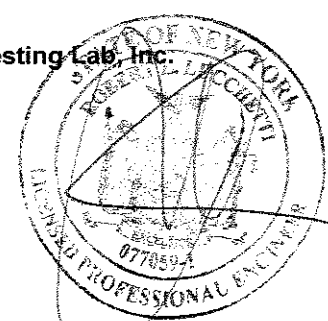
124.1

LBS./CU. FT.



Reported To:--

Submitted By: Materials Testing Lab, Inc.





ENTACT
ENVIRONMENTAL SERVICES

RECORD OF COMPACTION TESTING

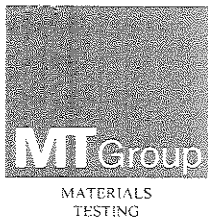
DATE	TEST #	LIFT	LOCATION	% compaction	% Moisture	Max Dry Density	Dry Density	NOTES
08/28/07	1	1	B-2	99.5	11.3	124.1	123.5	3FT BELOW GRADE
08/28/07	2	1	B-2	90.9	10.5	124.1	112.8	3FT BELOW GRADE
08/28/07	3	6	A-6	94.8	10.6	124.1	117.6	1FT BELOW GRADE
08/28/07	4	5	A-4	91.4	9.9	124.1	113.5	6IN BELOW GRADE
08/28/07	5	2	B-2	93.0	10.3	124.1	115.4	2FT BELOW GRADE
08/28/07	6	2	B-2	92.5	10.6	124.1	114.8	2FT BELOW GRADE
08/28/07	7	5/6	A3/A4	90.5	8.8	124.1	112.4	@ GRADE
08/28/07	8	7	A5/A6	90.0	10.8	124.1	111.7	@ GRADE
08/28/07	9	3	B-2	93.3	10.8	124.1	115.8	1FT BELOW GRADE
08/28/07	10	3	B-2	91.1	8.1	124.1	113.0	1FT BELOW GRADE
08/28/07	11	4	B-2	92.3	10.5	124.1	115.3	@ GRADE
08/28/07	12	4	B-2	94.5	10.5	124.1	117.3	@ GRADE

*Compaction requirement= 90%

*General Location= West and East trench

*ENTACT Oversight= Stacy Chervincky

*Backfill= Stony Creek, Kings Park Quarry



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Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706
Project: NE7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 07EEC-009
Date: 08/28/07
Technician: Jose Chorro
WO# 108195

Street Sidewalk Other Back fill

General Location: 61 North Clinton Ave., Bay Shore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	3' below grade	East trench B-2	11.3	123.5	124.1	99.5
2	3' below grade	East trench B-2	10.5	112.8	124.1	90.9
3	1' below grade	West trench A-6	10.6	117.6	124.1	94.8
4	6" below grade	West trench A-4	9.9	113.5	124.1	91.4
5	2' below grade	East trench B-2	10.3	115.4	124.1	93.0
6	2' below grade	East trench B-2	10.6	114.8	124.1	92.5
7	@ Grade	West trench A3/A4	8.8	112.4	124.1	90.5
8	@ Grade	West trench A5/A6	10.8	111.7	124.1	90.0
9	1' below grade	East trench B-2	10.8	115.8	124.1	93.3
10	1' below grade	East trench B-2	8.1	113.0	124.1	91.1
11	@ Grade	East trench B-2	10.5	115.3	124.1	92.3
12	@ Grade	East trench B-2	10.5	117.3	124.1	94.5

Remarks:

Material Type: Sand
Item #

Reported To: S. Chervincky

Min. Compaction Req.

90%

Complies:

Y

Submitted By:  Materials Testing Lab, Inc.

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Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706

Report #: 07EE-004
Date: 8/22/2007
Lab# : 8344
Work Order #: 108298

Project: NE7037
Sample: NE7037-SAND-03
Test: Laboratory Compaction Characteristics of Soil Using Modified Effort
Method: ASTM D1557 "C"
Sampled By: Client **On** 8/21/2007 **DELIVERED BY:** Client

<u>% MOISTURE</u>	<u>DRY DENSITY</u>
5.6	121.2
8.2	123.5
11.0	124.1
13.1	123.6
15.8	121.8

OPTIMUM MOISTURE

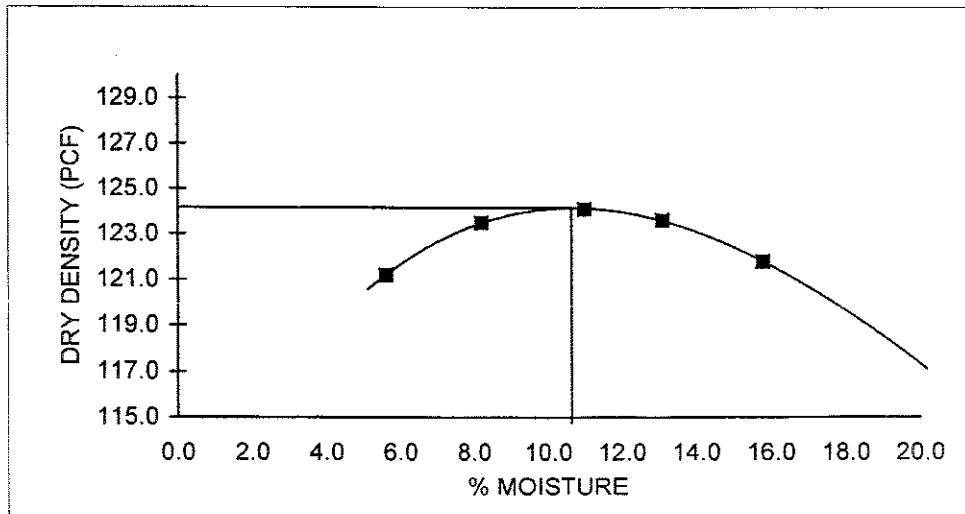
10.7 %

@

MAXIMUM DRY DENSITY

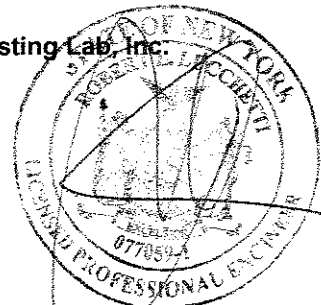
124.1

LBS./CU. FT.



Reported To:--

Submitted By: Materials Testing Lab, Inc.





ENTACT
CONSTRUCTION SERVICES

RECORD OF COMPACTION TESTING

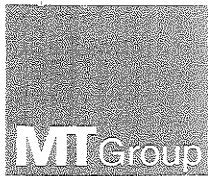
DATE	TEST #	LIFT	LOCATION	% compaction		% Moisture		Max Dry Density	Dry Density	NOTES
				% compaction	% Moisture	% Moisture	% compaction			
08/30/07	1	1	B-3	93.6	6.4	124.1	116.1	124.1	116.1	6FT BELOW GRADE
08/30/07	2	1	B-3	94.9	6.7	124.1	117.7	124.1	117.7	5FT BELOW GRADE
08/30/07	3	1	B-1	96.4	8.4	124.1	119.6	124.1	119.6	4FT BELOW GRADE
08/30/07	4	1	B-1	94.0	7.3	124.1	116.7	124.1	116.7	4FT BELOW GRADE
08/30/07	5	2	B-1	96.8	8.4	124.1	120.1	124.1	120.1	3FT BELOW GRADE
08/30/07	6	2	B-1	95.8	8.4	124.1	118.8	124.1	118.8	3FT BELOW GRADE
08/30/07	7	2	B-3	96.3	8.5	124.1	119.5	124.1	119.5	4FT BELOW GRADE
08/30/07	8	1	B-4	97.4	9.5	124.1	120.9	124.1	120.9	4FT BELOW GRADE
08/30/07	9	3	B-1	95.5	9.6	124.1	118.5	124.1	118.5	2FT BELOW GRADE
08/30/07	10	3	B-1	99.0	9.2	124.1	122.8	124.1	122.8	2FT BELOW GRADE
08/30/07	11	3	B-3	91.4	9.5	124.1	113.5	124.1	113.5	3FT BELOW GRADE
08/30/07	12	2	B-4	89.8	9.1	124.1	111.4	124.1	111.4	3FT BELOW GRADE
08/30/07	13	1	B-5	97.9	8.6	124.1	121.5	124.1	121.5	4FT BELOW GRADE
08/30/07	14	1	B-6	93.4	9.0	124.1	116.0	124.1	116.0	4FT BELOW GRADE
08/30/07	15	4	B-1	95.0	9.7	124.1	117.9	124.1	117.9	1FT BELOW GRADE
08/30/07	16	4	B-1	94.2	11.0	124.1	116.9	124.1	116.9	1FT BELOW GRADE
08/30/07	17	2	B-5	91.6	9.1	124.1	113.7	124.1	113.7	3FT BELOW GRADE
08/30/07	18	2	B-6	94.8	10.2	124.1	117.7	124.1	117.7	3FT BELOW GRADE
08/30/07	19	4	B-3	92.2	8.8	124.1	114.4	124.1	114.4	2FT BELOW GRADE
08/30/07	20	3	B-4	93.5	9.0	124.1	116.0	124.1	116.0	2FT BELOW GRADE
08/30/07	21	5	B-1	91.0	8.5	124.1	112.9	124.1	112.9	@ GRADE
08/30/07	22	5	B-1	94.1	9.7	124.1	116.7	124.1	116.7	@ GRADE
08/30/07	23	3	B-5	93.2	9.5	124.1	115.6	124.1	115.6	2FT BELOW GRADE
08/30/07	24	3	B-6	96.7	8.1	124.1	119.9	124.1	119.9	2FT BELOW GRADE
08/30/07	25	5	B-3	92.7	9.3	124.1	115.0	124.1	115.0	1FT BELOW GRADE
08/30/07	26	4	B-4	96.8	10.4	124.1	120.1	124.1	120.1	1FT BELOW GRADE
08/30/07	27	4	B-5	95.1	8.6	124.1	118.0	124.1	118.0	1FT BELOW GRADE
08/30/07	28	4	B-6	99.9	6.3	124.1	124.0	124.1	124.0	1FT BELOW GRADE
08/30/07	29	6	B-3	93.1	8.7	124.1	115.5	124.1	115.5	@ GRADE
08/30/07	30	6	B-3	97.6	8.4	124.1	121.1	124.1	121.1	@ GRADE

*Compaction requirement= 90%

*General Location= East trench

*ENTACT Oversight= Stacy Chervincky

*Backfill= Stony Creek, Kings Park Quarry



MATERIALS TESTING

Materials Testing Lab Inc.

NY Metropolitan Regional Office / Corporate Headquarters
145 Sherwood Avenue, Farmingdale, New York 11735
Phone (631) 815-1900 • Fax (631) 815-1901 • www.materials-testing.com

Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706
Project: NE7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 07EEC-007
Date: 08/30/07
Technician: Chris Marro
Work order #: 108352

Street Sidewalk Other Trench

General Location: East trench

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	6' below grade lift 1	B3	6.4	116.1	124.1	93.6
2	5' below grade lift 1	B3	6.7	117.7	124.1	94.9
3	4' below grade lift 1	B1	8.4	119.6	124.1	96.4
4	4' below grade lift 1	B1	7.3	116.7	124.1	94.0
5	3' below grade lift 2	B1	8.4	120.1	124.1	96.8
6	3' below grade lift 2	B1	8.4	118.8	124.1	95.8
7	4' below grade lift 2	B3	8.5	119.5	124.1	96.3
8	4' below grade lift 1	B4	9.5	120.9	124.1	97.4
9	2' below grade lift 3	B1	9.6	118.5	124.1	95.5
10	2' below grade lift 3	B1	9.2	122.8	124.1	99.0
11	3' below grade lift 3	B3	9.5	113.5	124.1	91.4
12	3' below grade lift 2	B4	9.1	111.4	124.1	89.8

Remarks:

Material Type:
Item #

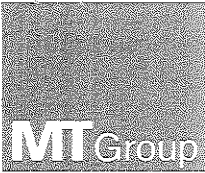
Reported To: S. Chervincky

Min. Compaction Req.
Complies:

90%

Submitted By:  Materials Testing Lab, Inc.

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Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706
Project: NE7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 07EEC-007
Date: 08/30/07
Technician: Chris Marro
Work order #: 108352

Street Sidewalk [X] Other Trench

General Location: East trench

Table with 7 columns: Test #, Elev/Depth of Test, Specific Location, % Moisture, Dry Density (PCF), Max. Dry Density (PCF), % Comp. Rows 13-24.

Remarks:

Material Type:
Item #

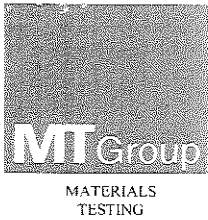
Reported To: S. Chervincky

Min. Compaction Req.
Complies:

90%

Submitted By: Materials Testing Lab, Inc.

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Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706
Project: NE7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 07EEC-007
Date: 08/30/07
Technician: Chris Marro
Work order #: 108352

Street Sidewalk Other Trench

General Location: East trench

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
25	1' below grade lift 5	B3	9.3	115.0	124.1	92.7
26	1' below grade lift 4	B4	10.4	120.1	124.1	96.8
27	1' below grade lift 4	B5	8.6	118.0	124.1	95.1
28	1' below grade lift 4	B6	6.3	124.0	124.1	99.9
29	@ grade lift 6	B3	8.7	115.5	124.1	93.1
30	@ grade lift 6	B3	8.4	121.1	124.1	97.6

Remarks:

Material Type:
Item #

Reported To: S. Chervincky

Min. Compaction Req.
Complies:

90%

Submitted By:  **Materials Testing Lab, Inc.**

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MATERIALS TESTING

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Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706

Report #: 07EE-004
Date: 8/22/2007
Lab# : 8344
Work Order #: 108298

Project: NE7037
Sample: NE7037-SAND-03
Test: Laboratory Compaction Characteristics of Soil Using Modified Effort
Method: ASTM D1557 "C"
Sampled By: Client

On 8/21/2007 **DELIVERED BY:** Client

<u>% MOISTURE</u>	<u>DRY DENSITY</u>
5.6	121.2
8.2	123.5
11.0	124.1
13.1	123.6
15.8	121.8

OPTIMUM MOISTURE

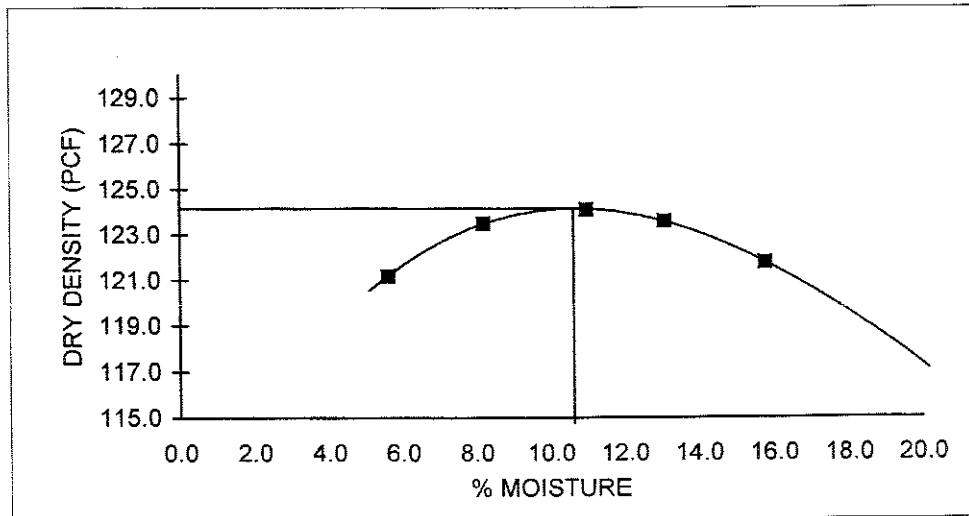
10.7 %

@

MAXIMUM DRY DENSITY

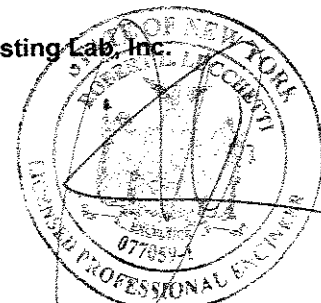
124.1

LBS./CU. FT.



Reported To:--

Submitted By: Materials Testing Lab, Inc.





ENTACT
 GEOTECHNICAL SERVICES

RECORD OF COMPACTION TESTING

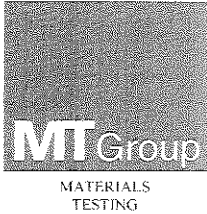
DATE	TEST #	LIFT	LOCATION	% compaction		% Moisture		Max Dry Density	Dry Density	NOTES
08/31/07	1	5	B-4	92.4	9.3	124.1	114.7	124.1	114.7	6IN BELOW GRADE
08/31/07	2	5	B-5	94.0	10.1	124.1	116.7	124.1	116.7	6IN BELOW GRADE
08/31/07	3	1	B-7	96.1	8.6	124.1	119.3	124.1	119.3	4FT BELOW GRADE
08/31/07	4	1	B-7	100+	8.0	124.1	124.3	124.1	124.3	4FT BELOW GRADE
08/31/07	5	5	B-6	95.1	9.8	124.1	118.0	124.1	118.0	6IN BELOW GRADE
08/31/07	6	1	B-1A	100+	8.1	124.1	124.7	124.1	124.7	4FT BELOW GRADE
08/31/07	7	1	B-1A	97.3	8.7	124.1	120.7	124.1	120.7	4FT BELOW GRADE
08/31/07	8	2	B-7	93.6	8.6	124.1	116.2	124.1	116.2	3FT BELOW GRADE
08/31/07	9	2	B-7	92.9	7.8	124.1	115.2	124.1	115.2	3FT BELOW GRADE
08/31/07	10	3	B-7	90.6	8.7	124.1	112.4	124.1	112.4	2FT BELOW GRADE
08/31/07	11	3	B-7	93.4	8.8	124.1	115.9	124.1	115.9	2FT BELOW GRADE

*Compaction requirement= 90%

*General Location= East trench

*ENTACT Oversight= Stacy Chervincky

*Backfill= Stony Creek, Kings Park Quarry



Materials Testing Lab Inc.
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 145 Sherwood Avenue, Farmingdale, New York 11735
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Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706
Project: NE7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 07EEC-010
Date: 08/31/07
Technician: Jose Chorro
WO# 108437

Street Sidewalk Other Back fill

General Location: 61 North Clinton Ave., Bay Shore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	6" below grade	East trench B4L5	9.3	114.7	124.1	92.4
2	6" below grade	East trench B5L5	10.1	116.7	124.1	94.0
3	4' below grade	East trench B7L1	8.6	119.3	124.1	96.1
4	4' below grade	East trench B7L1	8.0	124.3	124.1	100+
5	6" below grade	East trench B6L5	9.8	118.0	124.1	95.1
6	4' below grade	East trench B1-AL1	8.1	124.7	124.1	100+
7	4' below grade	East trench B1-AL1	8.7	120.7	124.1	97.3
8	3' below grade	East trench B7L2	8.6	116.2	124.1	93.6
9	3' below grade	East trench B7L2	7.8	115.2	124.1	92.9
10	2' below grade	East trench B7L3	8.7	112.4	124.1	90.6
11	2' below grade	East trench B7L3	8.8	115.9	124.1	93.4

Remarks:

Material Type: Sand
Item #

Reported To: S. Chervincky

Min. Compaction Req. Complies:

90%
Y

Submitted By:  Materials Testing Lab, Inc.

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Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706

Report #: 07EE-004
Date: 8/22/2007
Lab# : 8344
Work Order #: 108298

Project: NE7037
Sample: NE7037-SAND-03
Test: Laboratory Compaction Characteristics of Soil Using Modified Effort
Method: ASTM D1557 "C"
Sampled By: Client **On** 8/21/2007 **DELIVERED BY:** Client

<u>% MOISTURE</u>	<u>DRY DENSITY</u>
5.6	121.2
8.2	123.5
11.0	124.1
13.1	123.6
15.8	121.8

OPTIMUM MOISTURE

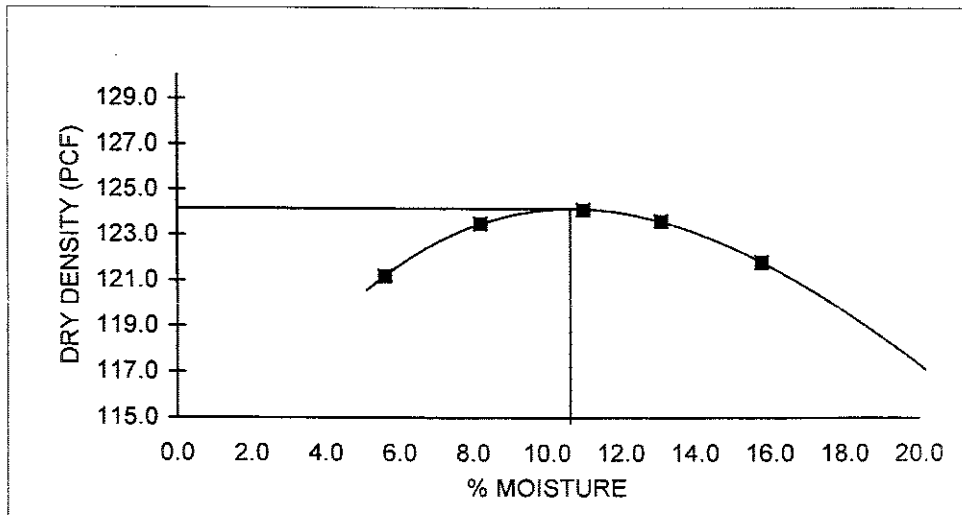
10.7 %

@

MAXIMUM DRY DENSITY

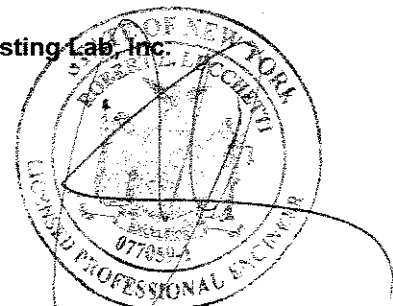
124.1

LBS./CU. FT.



Reported To:--

Submitted By: Materials Testing Lab, Inc.





ENTACT
CERTIFIED INDUSTRIAL SERVICES

RECORD OF COMPACTION TESTING

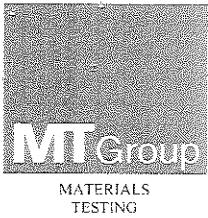
DATE	TEST #	LIFT	LOCATION	%	%	Max Dry	Dry	NOTES
				compaction	Moisture	Density	Density	
09/04/07	1	4	B-7	91.4	7.4	124.1	113.5	@ GRADE
09/04/07	2	4	B-7	93.0	6.6	124.1	115.4	@ GRADE
09/04/07	3	2	B-1A	92.3	6.9	124.1	114.6	2FT BELOW GRADE
09/04/07	4	2	B-1A	91.3	7.2	124.1	113.3	2FT BELOW GRADE
09/04/07	5	3	B-1A	92.5	7.3	124.1	114.8	1FT BELOW GRADE
09/04/07	6	3	B-1A	90.0	6.0	124.1	111.7	1FT BELOW GRADE
09/04/07	7	4	B-1A	91.3	7.0	124.1	113.3	@ GRADE
09/04/07	8	4	B-1A	91.3	8.7	124.1	113.4	@ GRADE

*Compaction requirement= 90%

*General Location= East trench

*ENTACT Oversight= Stacy Cherwincky

*Backfill= Stony Creek, Kings Park Quarry



Materials Testing Lab Inc.
 NY Metropolitan Regional Office / Corporate Headquarters
 145 Sherwood Avenue, Farmingdale, New York 11735
 Phone (631) 815-1900 • Fax (631) 815-1901 • www.materials-testing.com

Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706

Project: NE7037

Test: In-Place Density Test

Method: ASTM D2922

Report #: 07EEC-012
Date: 09/04/07
Technician: Robert V.
Work order #: 107473

Street Sidewalk Other _____

General Location: Clinton Ave. & Union Blvd.

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ Grade	L4 E/ trench B7	7.4	113.5	124.1	91.4
2	@ Grade	L4 E/ trench B7	6.6	115.4	124.1	93.0
3	@ 2' below grade	L2 E/ trench B1-A	6.9	114.6	124.1	92.3
4	@ 2' below grade	L2 E/ trench B1-A	7.2	113.3	124.1	91.3
5	@ 1' below grade	L3 E/ trench B1-A	7.3	114.8	124.1	92.5
6	@ 1' below grade	L3 E/ trench B1-A	6.0	111.7	124.1	90.0
7	@ Grade	L4 E/ trench B1-A	7.0	113.3	124.1	91.3
8	@ Grade	L4 E/ trench B1-A	8.7	113.4	124.1	91.3

Remarks:

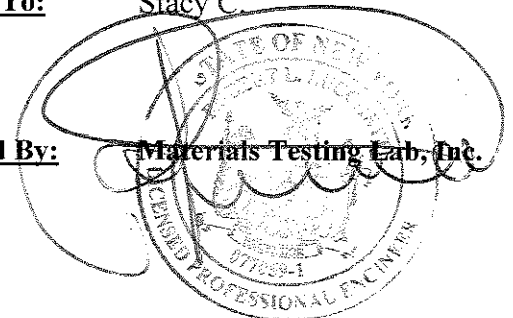
Material Type: Sand
Item #

Reported To: Stacy C.

Min. Compaction Req. Complies:

90%
Y

Submitted By: Materials Testing Lab, Inc.



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Report #: 07EE-004
Date: 8/22/2007
Lab# : 8344
Work Order #: 108298

Project: NE7037
Sample: NE7037-SAND-03
Test: Laboratory Compaction Characteristics of Soil Using Modified Effort
Method: ASTM D1557 "C"
Sampled By: Client **On** 8/21/2007 **DELIVERED BY:** Client

<u>% MOISTURE</u>	<u>DRY DENSITY</u>
5.6	121.2
8.2	123.5
11.0	124.1
13.1	123.6
15.8	121.8

OPTIMUM MOISTURE

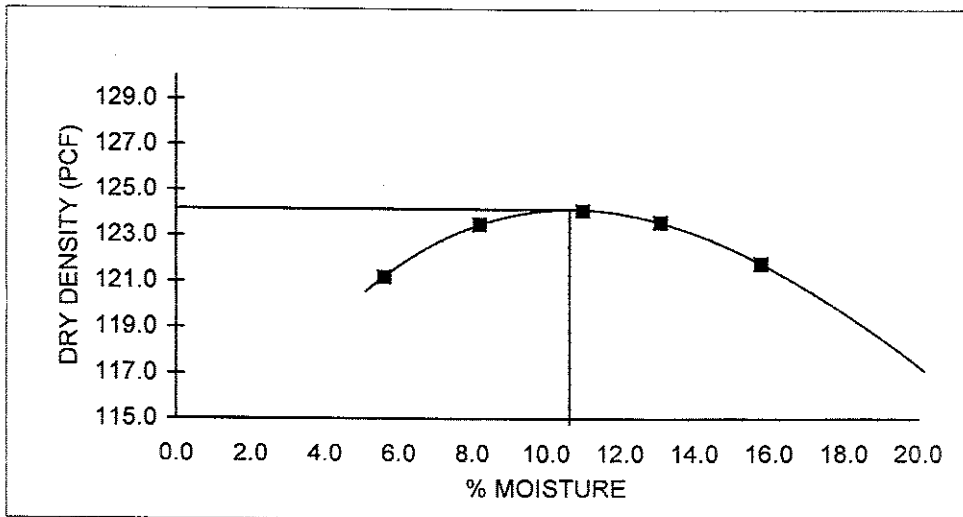
10.7 %

@

MAXIMUM DRY DENSITY

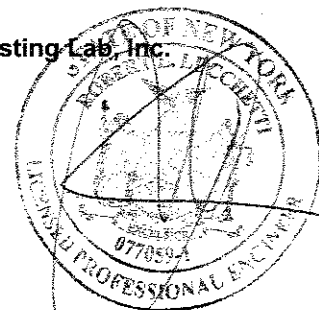
124.1

LBS./CU. FT.



Reported To:--

Submitted By: Materials Testing Lab, Inc.



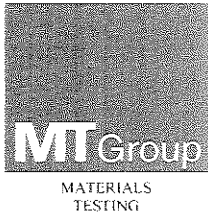


ENTFACT
GENERAL CONTRACT SERVICES

RECORD OF COMPACTION TESTING

DATE	TEST #	LIFT	LOCATION	% compaction	% Moisture	Max Dry Density	Dry Density	NOTES
9/6/2007	1	1	A-7	91.9	7.6	124.1	114.0	3FT BELOW GRADE
9/6/2007	2	1	A-7	98.7	7.6	124.1	122.4	3FT BELOW GRADE
9/6/2007	3	1	A-8	91.9	8.2	124.1	114.1	3FT BELOW GRADE
9/6/2007	4	1	A-8	93.3	8.0	124.1	115.8	3FT BELOW GRADE
9/6/2007	5	2	A-7	91.8	9.9	124.1	113.9	2FT BELOW GRADE
9/6/2007	6	2	A-8	91.3	11.2	124.1	113.3	2FT BELOW GRADE
9/6/2007	7	3	A-7	93.6	9.6	124.1	116.1	1FT BELOW GRADE
9/6/2007	8	3	A-8	96.8	9.9	124.1	120.2	1FT BELOW GRADE
9/6/2007	9	4	A-7	94.2	12.0	124.1	116.9	6IN BELOW GRADE
9/6/2007	10	4	A-8	91.3	10.0	124.1	113.3	6IN BELOW GRADE
9/6/2007	11	1	A-9	96.1	11.3	124.1	119.3	3FT BELOW GRADE
9/6/2007	12	1	A-9	97.8	11.8	124.1	121.4	3FT BELOW GRADE
9/6/2007	13	2	A-9	96.2	11.8	124.1	119.4	1FT BELOW GRADE
9/6/2007	14	2	A-9	95.1	12.2	124.1	118.0	1FT BELOW GRADE
9/6/2007	15	3	A-9	94.8	11.7	124.1	117.6	6IN BELOW GRADE
9/6/2007	16	3	A-9	92.1	12.3	124.1	114.3	6IN BELOW GRADE

- *Compaction requirement= 90%
- *General Location= West trench
- *ENTFACT Oversight= Stacy Chervinsky
- *Backfill= Stony Creek, Kings Park Quarry



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 NY Metropolitan Regional Office / Corporate Headquarters
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Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706
Project: NE7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 07EEC-014
Date: 09/06/07
Technician: Jose Chorro
Work order #: 108653

Street Sidewalk Other Backfill

General Location: 61 North Clinton Ave. Bayshore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ 3' below grade	A6 L1 West trench	7.6	114.0	124.1	91.9
2	@ 3' below grade	A6 L1 West trench	7.6	122.4	124.1	98.7
3	@ 3' below grade	A7 L1 West trench	8.2	114.1	124.1	91.9
4	@ 3' below grade	A7 L1 West trench	8.0	115.8	124.1	93.3
5	@ 2' below grade	A6 L2 West trench	9.9	113.9	124.1	91.8
6	@ 2' below grade	A7 L2 West trench	11.2	113.3	124.1	91.3
7	@ 1' below grade	A6 L3 West trench	9.6	116.1	124.1	93.6
8	@ 1' below grade	A7 L3 West trench	9.9	120.2	124.1	96.8
9	@ 6" below grade	A6 L4 West trench	12.0	116.9	124.1	94.2
10	@ 6" below grade	A7 L4 West trench	10.0	113.3	124.1	91.3
11	@ 3' below grade	A8 L1 West trench	11.3	119.3	124.1	96.1
12	@ 3' below grade	A8 L1 West trench	11.8	121.4	124.1	97.8

Remarks:

Material Type: Sand
Item #

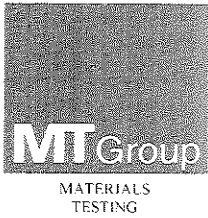
Reported To: --

Min. Compaction Req. Complies:

90%
Y

Submitted By:  Materials Testing Lab, Inc.

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Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706
Project: NE7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 07EEC-014
Date: 09/06/07
Technician: Jose Chorro
Work order #: 108653

Street Sidewalk Other Backfill

General Location: 61 North Clinton Ave. Bayshore

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ 1' below grade	A8 L2 West trench	11.8	119.4	124.1	96.2
2	@ 1' below grade	A8 L2 West trench	12.2	118.0	124.1	95.1
3	@ 6" below grade	A8 L3 West trench	11.7	117.6	124.1	94.8
4	@ 6" below grade	A8 L3 West trench	12.3	114.3	124.1	92.1

Remarks:

Material Type: Sand
Item #

Reported To: --

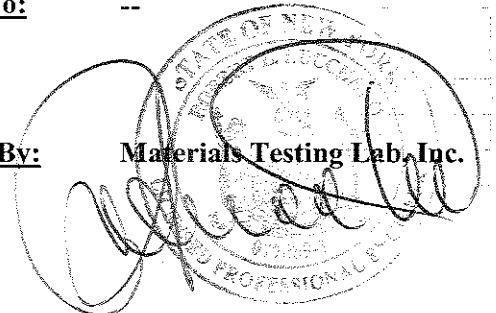
Min. Compaction Req.

90%

Complies:

Y

Submitted By: Materials Testing Lab, Inc.



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Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706

Report #: 07EE-004
Date: 8/22/2007
Lab# : 8344
Work Order #: 108298

Project: NE7037
Sample: NE7037-SAND-03
Test: Laboratory Compaction Characteristics of Soil Using Modified Effort
Method: ASTM D1557 "C"
Sampled By: Client **On** 8/21/2007 **DELIVERED BY:** Client

<u>% MOISTURE</u>	<u>DRY DENSITY</u>
5.6	121.2
8.2	123.5
11.0	124.1
13.1	123.6
15.8	121.8

OPTIMUM MOISTURE

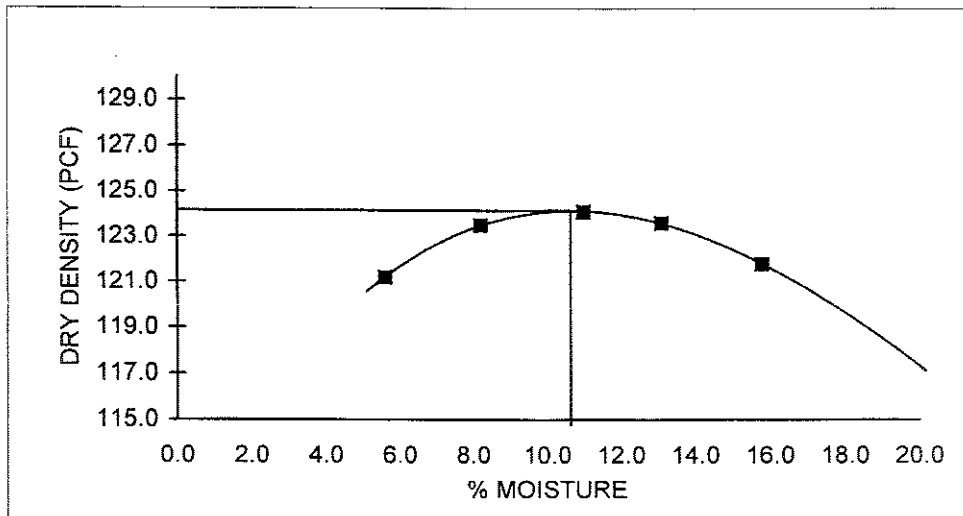
10.7 %

@

MAXIMUM DRY DENSITY

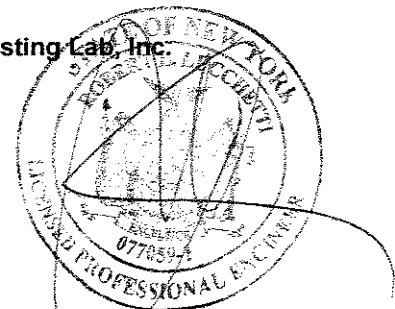
124.1

LBS./CU. FT.



Reported To:--

Submitted By: Materials Testing Lab, Inc.





ENTACT
 GEOTECHNICAL SERVICES

RECORD OF COMPACTION TESTING

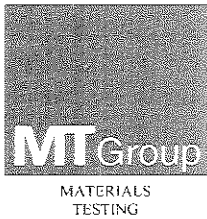
DATE	TEST #	LIFT	LOCATION	% compaction	% Moisture	Max Dry Density	Dry Density	NOTES
9/7/2007	1	1	C-1	94.0	7.9	124.1	116.7	4FT BELOW GRADE
9/7/2007	2	1	C-1	95.7	7.6	124.1	118.7	4FT BELOW GRADE
9/7/2007	3	2	C-1	96.1	9.0	124.1	119.3	3FT BELOW GRADE
9/7/2007	4	2	C-1	96.4	7.4	124.1	119.6	3FT BELOW GRADE
9/7/2007	5	3	C-1	94.1	8.2	124.1	116.7	2FT BELOW GRADE
9/7/2007	6	3	C-1	97.6	8.6	124.1	121.1	2FT BELOW GRADE
9/7/2007	7	4	C-1	93.0	7.0	124.1	115.4	1FT BELOW GRADE
9/7/2007	8	4	C-1	92.7	7.4	124.1	115.0	1FT BELOW GRADE
9/7/2007	9	5	C-1	96.5	7.2	124.1	119.7	@ GRADE
9/7/2007	10	5	C-1	94.1	7.4	124.1	116.8	@ GRADE

*Compaction requirement= 90%

*General Location= North trench

*ENTACT Oversight= Stacy Chervinsky

*Backfill= Stony Creek, Kings Park Quarry



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Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706

Project: NE7037

Test: In-Place Density Test

Method: ASTM D2922

Report #: 07EEC-015

Date: 09/07/07

Technician: John Navarro

Work order #: 108760

Street Sidewalk Other Lot

General Location: _____

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ 4' below grade	N/trench C-1 (lift 1)	7.9	116.7	124.1	94.0
2	@ 4' below grade	N/trench C-1 (lift 1)	7.6	118.7	124.1	95.7
3	@ 3' below grade	N/trench C-1 (lift 2)	9.0	119.3	124.1	96.1
4	@ 3' below grade	N/trench C-1 (lift 2)	7.4	119.6	124.1	96.4
5	@ 2' below grade	N/trench C-1 (lift 3)	8.2	116.7	124.1	94.1
6	@ 2' below grade	N/trench C-1 (lift 3)	8.6	121.1	124.1	97.6
7	@ 1' below grade	N/trench C-1 (lift 4)	7.0	115.4	124.1	93.0
8	@ 1' below grade	N/trench C-1 (lift 4)	7.4	115.0	124.1	92.7
9	@ Grade	N/trench C-1 (lift 5)	7.2	119.7	124.1	96.5
10	@ Grade	N/trench C-1 (lift 5)	7.4	116.8	124.1	94.1

Remarks: _____

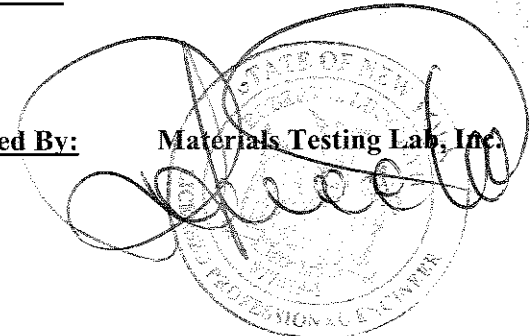
Material Type:
Item #

Min. Compaction Req.
Complies:

90%
Y

Reported To: --

Submitted By: Materials Testing Lab, Inc.



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Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706

Report #: 07EE-004
Date: 8/22/2007
Lab# : 8344
Work Order #: 108298

Project: NE7037
Sample: NE7037-SAND-03
Test: Laboratory Compaction Characteristics of Soil Using Modified Effort
Method: ASTM D1557 "C"

Sampled By: Client **On** 8/21/2007 **DELIVERED BY:** Client

<u>% MOISTURE</u>	<u>DRY DENSITY</u>
5.6	121.2
8.2	123.5
11.0	124.1
13.1	123.6
15.8	121.8

OPTIMUM MOISTURE

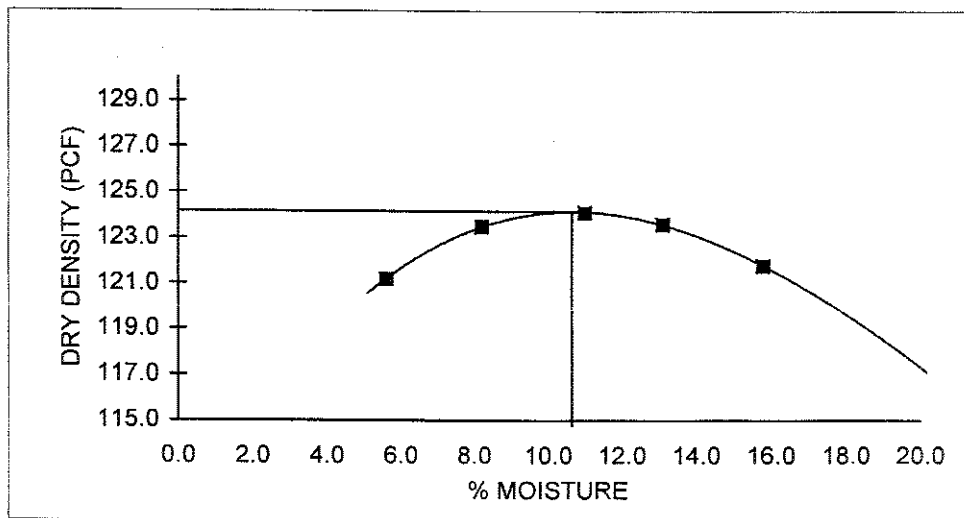
10.7 %

@

MAXIMUM DRY DENSITY

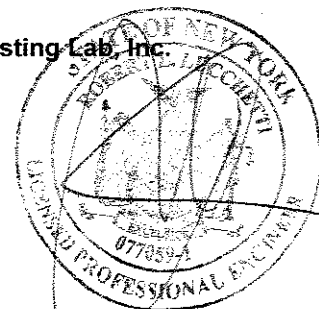
124.1

LBS./CU. FT.



Reported To:--

Submitted By: Materials Testing Lab, Inc.





ENTACT
CONSTRUCTION SERVICES

RECORD OF COMPACTION TESTING

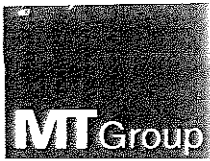
DATE	TEST #	LIFT	LOCATION	% compaction	% Moisture	Max Dry Density	Dry Density	NOTES
9/10/2007	1	1	B-8	91.3	9.5	124.1	113.3	3FT BELOW GRADE
9/10/2007	2	1	B-8	90.0	8.2	124.1	111.5	3FT BELOW GRADE
9/10/2007	3	2	B-8	90.8	7.4	124.1	112.6	2FT BELOW GRADE
9/10/2007	4	2	B-8	91.0	8.2	124.1	113.0	2FT BELOW GRADE
9/10/2007	5	3	B-8	90.3	8.9	124.1	112.1	1FT BELOW GRADE
9/10/2007	6	3	B-8	93.4	8.4	124.1	115.9	1FT BELOW GRADE
9/10/2007	7	1	B-10	93.8	8.6	124.1	116.4	4FT BELOW GRADE
9/10/2007	8	1	B-10	97.4	7.4	124.1	120.9	4FT BELOW GRADE

*Compaction requirement= 90%

*General Location= East trench

*ENTACT Oversight= Stacy Cherwincky

*Backfill= Stony Creek, Kings Park Quarry



MATERIALS TESTING

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Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706
Project: NE7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 07EEC-018
Date: 09/10/07
Technician: Jose Chorro
Work order #: 108816

[X] Street [] Sidewalk [X] Other Backfill

General Location: 61 North Clinton Ave. Bayshore

Table with 7 columns: Test #, Elev/Depth of Test, Specific Location, % Moisture, Dry Density (PCF), Max. Dry Density (PCF), % Comp. Contains 8 rows of test data.

Remarks:

Material Type: Sand
Item #

Min. Compaction Req. 90%
Complies: Y

Reported To:

Submitted By: Materials Testing Lab, Inc.

Handwritten signature of Jose Chorro

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Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706

Report #: 07EE-004
Date: 8/22/2007
Lab# : 8344
Work Order #: 108298

Project: NE7037
Sample: NE7037-SAND-03
Test: Laboratory Compaction Characteristics of Soil Using Modified Effort
Method: ASTM D1557 "C"
Sampled By: Client

On 8/21/2007 **DELIVERED BY:** Client

<u>% MOISTURE</u>	<u>DRY DENSITY</u>
5.6	121.2
8.2	123.5
11.0	124.1
13.1	123.6
15.8	121.8

OPTIMUM MOISTURE

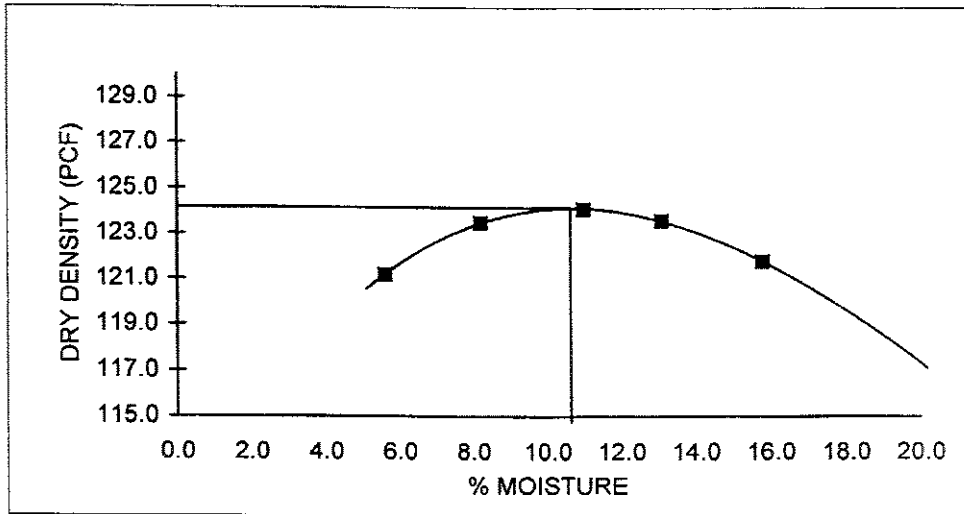
10.7 %

@

MAXIMUM DRY DENSITY

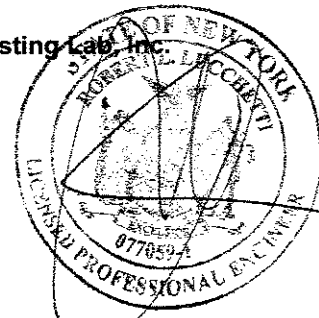
124.1

LBS./CU. FT.



Reported To:--

Submitted By: Materials Testing Lab Inc.





ENTACT
 GEOTECHNICAL SERVICES

RECORD OF COMPACTION TESTING

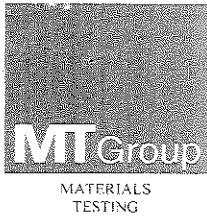
DATE	TEST #	LIFT	LOCATION	% compaction	% Moisture	Max Dry Density	Dry Density	NOTES
9/11/2007	1	4	B-8	94.0	9.1	124.1	116.7	@ GRADE
9/11/2007	2	4	B-8	90.4	10.7	124.1	112.2	@ GRADE
9/11/2007	3	1	B-9	93.0	9.1	124.1	115.4	3FT BELOW GRADE
9/11/2007	4	1	B-9	92.5	7.5	124.1	114.8	3FT BELOW GRADE
9/11/2007	5	2	B-9	97.6	7.9	124.1	121.1	2FT BELOW GRADE
9/11/2007	6	2	B-9	94.3	7.9	124.1	117.1	2FT BELOW GRADE
9/11/2007	7	1	C-3	94.5	8.6	124.1	117.3	4FT BELOW GRADE
9/11/2007	8	1	C-3	91.7	7.9	124.1	113.8	4FT BELOW GRADE
9/11/2007	9	2	C-3	93.0	8.0	124.1	115.4	3FT BELOW GRADE
9/11/2007	10	2	C-3	92.9	9.1	124.1	115.3	3FT BELOW GRADE
9/11/2007	11	3	C-3	92.8	7.7	124.1	115.2	2FT BELOW GRADE
9/11/2007	12	3	C-3	93.0	8.0	124.1	115.4	2FT BELOW GRADE
9/11/2007	13	4	C-3	98.1	7.5	124.1	121.7	1FT BELOW GRADE
9/11/2007	14	4	C-3	97.7	8.3	124.1	121.3	1FT BELOW GRADE

*Compaction requirement= 90%

*General Location= North and East trench

*ENTACT Oversight= Stacy Chervincky

*Backfill= Stony Creek, Kings Park Quarry



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 NY Metropolitan Regional Office / Corporate Headquarters
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 Phone (631) 815-1900 • Fax (631) 815-1901 • www.materials-testing.com

Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706

Project: NE7037

Test: In-Place Density Test

Method: ASTM D2922

Report #: 07EEC-016
Date: 09/11/07
Technician: Leonard O.
Work order #: 108932

Street Sidewalk Other

General Location: _____

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ Sub grade	East trench area B-8 (1)	9.1	116.7	124.1	94.0
2	@ Sub grade	East trench area B-8 (2)	10.7	112.2	124.1	90.4
3	@ 3' below grade	East trench area B-9 (1)	9.1	115.4	124.1	93.0
4	@ 3' below grade	East trench area B-9 (2)	7.5	114.8	124.1	92.5
5	@ 2' below grade	East trench area B-9 (1)	7.9	121.1	124.1	97.6
6	@ 2' below grade	East trench area B-9 (2)	7.9	117.1	124.1	94.3
7	@ 4' below grade	North trench area C-3 (1)	8.6	117.3	124.1	94.5
8	@ 4' below grade	North trench area C-3 (2)	7.9	113.8	124.1	91.7
9	@ 3' below grade	North trench area C-3 (1)	8.0	115.4	124.1	93.0
10	@ 3' below grade	North trench area C-3 (2)	9.1	115.3	124.1	92.9
11	@ 2' below grade	North trench area C-3 (1)	7.7	115.2	124.1	92.8
12	@ 2' below grade	North trench area C-3 (2)	8.0	115.4	124.1	93.0
13	@ 1' below grade	North trench area C-3 (1)	7.5	121.7	124.1	98.1
14	@ 1' below grade	North trench area C-3 (2)	8.3	121.3	124.1	97.7

Remarks: _____

Material Type: Existing Fill, Imported Fill
Item #

Min. Compaction Req.

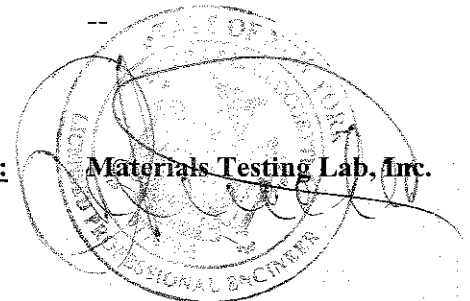
90%

Complies:

Y

Reported To: --

Submitted By: Materials Testing Lab, Inc.



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Client: Entact Environmental
 66 North Clinton Avenue
 Bay Shore, NY 11706

Report #: 07EE-004
Date: 8/22/2007
Lab# : 8344
Work Order #: 108298

Project: NE7037
Sample: NE7037-SAND-03
Test: Laboratory Compaction Characteristics of Soil Using Modified Effort
Method: ASTM D1557 "C"

Sampled By: Client **On** 8/21/2007 **DELIVERED BY:** Client

<u>% MOISTURE</u>	<u>DRY DENSITY</u>
5.6	121.2
8.2	123.5
11.0	124.1
13.1	123.6
15.8	121.8

OPTIMUM MOISTURE

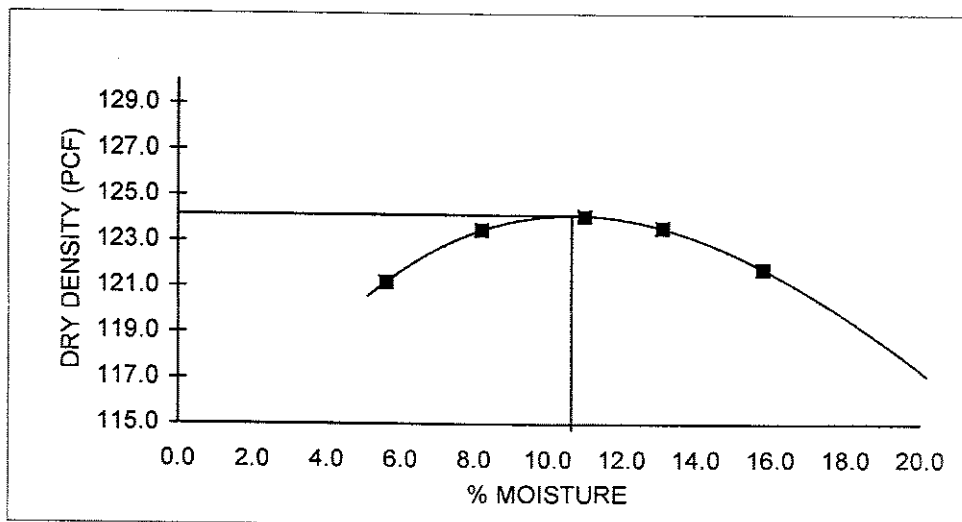
10.7 %

@

MAXIMUM DRY DENSITY

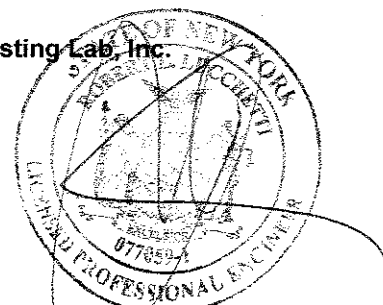
124.1

LBS./CU. FT.



Reported To:--

Submitted By: Materials Testing Lab, Inc.





ENTACT
GEOTECHNICAL SERVICES

RECORD OF COMPACTION TESTING

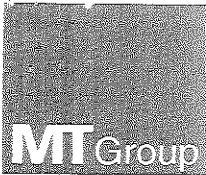
DATE	TEST #	LIFT	LOCATION	% compaction	% Moisture	Max Dry Density	Dry Density	NOTES
9/12/2007	1	3	B-9	94.0	9.1	124.1	116.7	@ GRADE
9/12/2007	2	3	B-9	90.4	10.7	124.1	112.2	@ GRADE

*Compaction requirement= 90%

*General Location= East trench

*ENTACT Oversight= Stacy Chervincky

*Backfill= Stony Creek, Kings Park Quarry



MATERIALS TESTING

Materials Testing Lab Inc.

NY Metropolitan Regional Office / Corporate Headquarters
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Phone (631) 815-1900 • Fax (631) 815-1901 • www.materials-testing.com

Client: Entact Environmental
66 North Clinton Avenue
Bay Shore, NY 11706
Project: NE7037
Test: In-Place Density Test
Method: ASTM D2922

Report #: 07EEC-017
Date: 09/12/07
Technician: Kevin Grant
Work order #: 108991

Street Sidewalk Other

General Location: E/Trench area B9 lift 3

Test #	Elev/Depth of Test	Specific Location	% Moisture	Dry Density (PCF)	Max. Dry Density (PCF)	% Comp
1	@ Grade	Side fence right corner	9.6	124.2	124.1	100+
2	@ Grade	Side fence left corner	7.2	118.4	124.1	95.4

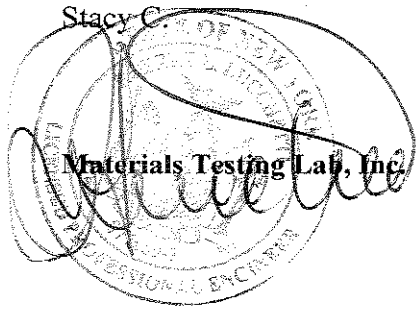
Remarks:

Material Type: Recycled
Item #

Reported To: Stacy C. [Signature]

Min. Compaction Req. 90%
Complies: Y

Submitted By: [Signature] Materials Testing Lab, Inc.



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